

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



### ADOS GmbH, 52078 Aachen, Germany

| equipment                    | type  | certificate               | date       | gases/vapours  | measuring principle       | measuring range |
|------------------------------|-------|---------------------------|------------|--|---------------------------|-----------------|
| GTR 210<br>(variant IP54)    | fixed | BVS 12 ATEX<br>G 001 X    | 06/12/2012 | alkanes<br>(methane to nonane)                         | catalytic combustion      | 0 - 100 % LEL   |
| GTR 210<br>(variant IP66)    | fixed | BVS 12 ATEX<br>G 001 X N1 | 15/10/2013 | alkanes<br>(methane to hexane)                         | catalytic combustion      | 0 - 100 % LEL   |
| GTR 210<br>(variant IP54)    | fixed | BVS 12 ATEX<br>G 001 X N2 | 06/10/2016 | hydrogen, ethanol,<br>ammonia                          | catalytic combustion      | 0 - 100 % LEL   |
| GTR 210<br>(variant IP66)    | fixed | BVS 12 ATEX<br>G 001 X N2 | 06/10/2016 | hydrogen, ethanol,<br>ammonia                          | catalytic combustion      | 0 - 100 % LEL   |
| GTR 210 Ex<br>(variant IP66) | fixed | BVS 12 ATEX<br>G 001 X N3 | 08/10/2019 | oxygen   | electrochemical<br>sensor | 0 - 25 %(v/v)   |
| GTR 210 Ex<br>(variant IP54) | fixed | BVS 12 ATEX<br>G 001 X N4 | 19/05/2020 | n-alkanes (methane to<br>hexane), hydrogen,<br>ethanol | catalytic combustion      | 0 - 100 % LEL   |
| GTR 210 Ex<br>(variant IP66) | fixed | BVS 12 ATEX<br>G 001 X N4 | 19/05/2020 | n-alkanes (methane to<br>hexane), hydrogen,<br>ethanol | catalytic combustion      | 0 - 100 % LEL   |
| GTR 210 Ex<br>(variant IP66) | fixed | BVS 12 ATEX<br>G 001 X N4 | 19/05/2020 | methane, propane                                       | infrared absorption       | 0 - 100 % LEL   |
| GTR 210 Ex<br>(variant IP66) | fixed | BVS 12 ATEX<br>G 001 X N4 | 19/05/2020 | oxygen   | electrochemical<br>sensor | 0 - 25 %(v/v)   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**ADOS GmbH, 52078 Aachen, Germany (continued)**

| equipment                    | type  | certificate               | date       | gases/vapours                 | measuring principle | measuring range |
|------------------------------|-------|---------------------------|------------|-------------------------------|---------------------|-----------------|
| GTR 210 Ex<br>(variant IP54) | fixed | BVS 12 ATEX<br>G 001 X N5 | 10/01/2022 | see<br>BVS 12 ATEX G 001 X N4 |                     |                 |
| GTR 210 Ex<br>(variant IP66) | fixed | BVS 12 ATEX<br>G 001 X N5 | 10/01/2022 | see<br>BVS 12 ATEX G 001 X N4 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Bernath Atomic GmbH & Co. KG, 30974 Wennigsen, Germany**

| equipment                           | type  | certificate               | date       | gases/vapours  | measuring principle | measuring range |
|-------------------------------------|-------|---------------------------|------------|--|---------------------|-----------------|
| BA 3010 EuroFID<br>(inline version) | fixed | BVS 03 ATEX<br>G 019 X    | 18/12/2003 | propane, acetone,<br>methanol, ethanol,<br>ethyl acetate | flame ionisation    | 0 - 100 % LEL   |
| BA 3010 EuroFID<br>(inline version) | fixed | BVS 03 ATEX<br>G 019 X N1 | 19/10/2004 | see<br>BVS 03 ATEX G 019 X                               | flame ionisation    | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Bieler + Lang GmbH, 77855 Achern, Germany**

| equipment                                 | type                   | certificate                          | date       | gases/vapours   | measuring principle | measuring range |
|---|------------------------|--------------------------------------|------------|---|---------------------|-----------------|
| GMC 8022,<br>GMC 8022E                    | fixed,<br>control unit | BVS 03 ATEX<br>G 007 X               | 04/07/2003 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| GMC 8022,<br>GMC 8022E                    | fixed,<br>control unit | BVS 03 ATEX<br>G 007 X N1            | 05/07/2004 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| GMC 8022,<br>GMC 8022E                    | fixed,<br>control unit | BVS 03 ATEX<br>G 007 X N2            | 28/02/2011 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| GMC 8022,<br>GMC 8022E/4-20               | fixed,<br>control unit | BVS 03 ATEX<br>G 007 X N3            | 19/12/2016 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| GMC 8022,<br>GMC 8022E,<br>GMC 8022E/4-20 | fixed,<br>control unit | BVS 03 ATEX<br>G 007 X<br>Ausgabe 01 | 22/03/2024 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| GMC 8022 H                                | fixed,<br>control unit | BVS 03 ATEX<br>G 008 X               | 04/07/2003 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Control Instruments Corporation, Fairfield, New Jersey 07004, USA**

| equipment               | type  | certificate                        | date       | gases/vapours   | measuring principle | measuring range |
|-------------------------|-------|------------------------------------|------------|---|---------------------|-----------------|
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X             | 28/05/2003 | propane, acetone,<br>benzene, 2-butanone,<br>ethanol, ethyl acetate,<br>n-hexane, 2-propanol,<br>Shellsol 60/95 | flame temperature   | 0 - 80 % LEL    |
|                         |       |                                    |            | n-heptane, o-xylene,<br>toluene   | flame temperature   | 0 - 70 % LEL    |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X N2          | 30/09/2004 | see<br>DMT 03 ATEX G 001 X  |                     |                 |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X N3          | 17/12/2007 | see<br>DMT 03 ATEX G 001 X  |                     |                 |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X N4          | 17/03/2008 | see<br>DMT 03 ATEX G 001 X  |                     |                 |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X N5          | 19/05/2016 | see<br>DMT 03 ATEX G 001 X  |                     |                 |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X N6          | 12/12/2018 | see<br>DMT 03 ATEX G 001 X  |                     |                 |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X N7          | 21/10/2020 | see<br>DMT 03 ATEX G 001 X  |                     |                 |
| Prevex model<br>670 FTA | fixed | DMT 03 ATEX<br>G 001 X<br>Issue 01 | 28/05/2025 | see<br>DMT 03 ATEX G 001 X  |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany**

| equipment  | type  | certificate               | date       | gases/vapours  | measuring principle  | measuring range |
|--|---|---------------------------|------------|--|----------------------|-----------------|
| Sensing head<br>SE Ex PR M..<br>with control unit<br>Polytron                  | fixed,<br>remote sensor<br>and control unit | DMT 97 ATEX<br>E 006 X N1 | 31/08/1999 | methane, propane, n-<br>butane, hydrogen,<br>ethylene, dimethyl ether  | catalytic combustion | 0 - 100 % LEL   |
| Sensing head<br>SE Ex PR M..<br>with control unit<br>Polytron                  | fixed,<br>remote sensor<br>and control unit | DMT 97 ATEX<br>E 006 X N2 | 21/12/1999 | acetone, ammonia,<br>benzene, special boiling<br>point spirit 065/095, 1,3-<br>butadiene, cyclopropane,<br>diethyl ether, n-butyl<br>acetate, ethyl acetate,<br>ethylene oxide, methanol,<br>ethanol, 2-propanol,<br>n-hexane, n-octane,<br>n-nonane, methyl ethyl<br>ketone, propene, toluene | catalytic combustion | 0 - 100 % LEL   |
| Sensing head<br>SE Ex PR M..<br>with control unit<br>Polytron                  | fixed,<br>remote sensor<br>and control unit | DMT 97 ATEX<br>E 006 X N3 | 07/09/2000 | acetylene, n-pentane,<br>1,2-propylene oxide   | catalytic combustion | 0 - 100 % LEL   |
| Sensing heads<br>SE Ex PR M and<br>SE Ex HT M<br>with control unit<br>Polytron | fixed,<br>remote sensor<br>and control unit | DMT 97 ATEX<br>E 006 X N6 | 31/03/2008 | see<br>DMT 97 ATEX E 006 X<br>N1-N3  | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                        | type                    | certificate               | date       | gases/vapours  | measuring principle | measuring range |
|----------------------------------|-------------------------|---------------------------|------------|--|---------------------|-----------------|
| Polytron 2 IR                    | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N2 | 02/12/1999 | methane, propane,<br>ethylene, n-hexane  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR                    | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N3 | 30/05/2000 | see<br>DMT 97 ATEX E 003 X N2  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>Ausf./Style 334 | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N5 | 28/06/2001 | methane, propane,<br>ethylene  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>Ausf./Style 334 | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N6 | 18/12/2001 | acetone, n-butane,<br>ethanol, ethyl acetate,<br>n-hexane, methanol,<br>n-octane, n-pentane, pro-<br>pene, 2-propanol, toluene | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR                    | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N7 | 03/03/2004 | see<br>DMT 97 ATEX E 003 X N2  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>Ausf./Style 334 | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N7 | 03/03/2004 | see<br>DMT 97 ATEX E 003 X N5<br>and N6  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>type 340        | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N8 | 09/06/2004 | propane, n-hexane  | infrared absorption | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                        | type                    | certificate                | date       | gases/vapours   | measuring principle | measuring range |
|----------------------------------|-------------------------|----------------------------|------------|---|---------------------|-----------------|
| Polytron 2 IR<br>Ausf./Style 334 | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N10 | 22/10/2004 | benzene, n-butyl acetate,<br>ethylene oxide,<br>2-butanone (MEK),<br>4-methyl-2-pentanone<br>(MIBK), allyl chloride,<br>1,2-dichloropropane,<br>1,3-dichloropropene,<br>epichlorohydrin,<br>chlorobenzene,<br>propylene oxide, styrene,<br>1-methoxy-2-propanol | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>Ausf./Style 334 | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N11 | 06/09/2005 | see<br>DMT 97 ATEX E 003 X<br>N5, N6 and N10  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>type 340        | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N11 | 06/09/2005 | see<br>DMT 97 ATEX E 003 X N8   | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR                    | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N12 | 18/11/2005 | see<br>DMT 97 ATEX E 003 X N2   | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>type 334        | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N12 | 18/11/2005 | see<br>DMT 97 ATEX E 003 X<br>N5, N6 and N10  | infrared absorption | 0 - 100 % LEL   |
| Polytron 2 IR<br>type 340        | fixed,<br>remote sensor | DMT 97 ATEX<br>E 003 X N12 | 18/11/2005 | see<br>DMT 97 ATEX E 003 X N8   | infrared absorption | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                | type                               | certificate               | date       | gases/vapours   | measuring principle       | measuring range |
|--------------------------|------------------------------------|---------------------------|------------|---|---------------------------|-----------------|
| Polytron 1 O2            | fixed,<br>remote sensor            | DMT 01 ATEX<br>E 007 X N1 | 03/07/2003 | oxygen  | electrochemical<br>sensor | 0 - 25 %(v/v)   |
| Miniwarn                 | portable,<br>multi gas<br>detector | DMT 98 ATEX<br>E 019 X N3 | 08/08/2003 | methane   | catalytic combustion      | 0 - 100 % LEL   |
| Multiwarn II             | portable,<br>multi gas<br>detector | DMT 02 ATEX<br>E 064 X N2 | 08/08/2003 | methane   | catalytic combustion      | 0 - 100 % LEL   |
|                          |                                    |                           |            | methane   | thermal conductivity      | 0 - 100 %(v/v)  |
|                          |                                    |                           |            | oxygen  | electrochemical<br>sensor | 0 - 25 %(v/v)   |
| Multiwarn II             | portable,<br>multi gas<br>detector | DMT 02 ATEX<br>E 064 X N3 | 10/02/2004 | methane   | catalytic combustion      | 0 - 100 % LEL   |
|                          |                                    |                           |            | methane   | thermal conductivity      | 0 - 100 %(v/v)  |
|                          |                                    |                           |            | oxygen  | electrochemical<br>sensor | 0 - 25 %(v/v)   |
| control unit<br>Polytron | fixed,<br>control unit             | BVS 03 ATEX<br>G 018 X    | 19/12/2003 | combustible gases<br>according to used remote<br>sensor | not applicable            | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment      | type                    | certificate               | date       | gases/vapours   | measuring principle | measuring range |
|----------------|-------------------------|---------------------------|------------|---|---------------------|-----------------|
| Polytron IR Ex | fixed,<br>remote sensor | DMT 02 ATEX<br>E 178 X N1 | 26/01/2004 | methane   | infrared absorption | 0 - 20 % LEL    |
|                |                         |                           |            | xylene (isomer mixture),<br>propene   |                     | 0 - 50 % LEL    |
|                |                         |                           |            | cyclohexane   |                     | 0 - 60 % LEL    |
|                |                         |                           |            | methyl butyl ketone, n-<br>butyl acetate, i-butane, n-<br>butene  |                     | 0 - 70 % LEL    |
|                |                         |                           |            | propane, cyclopentane,<br>ethyl acetate, dimethyl<br>ether, n-pentane, methyl<br>ethyl ketone, acetone,<br>2-propanol, n-octane,<br>toluene, ethanol, metha-<br>nol, n-butane, Actrel 1156,<br>Actrel 3356 D, Shellsol TK |                     | 0 - 100 % LEL   |
| methane        | 0 - 100 % (v/v)         |                           |            |   |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                               | certificate               | date       | gases/vapours  | measuring principle       | measuring range |
|-------------|------------------------------------|---------------------------|------------|--|---------------------------|-----------------|
| Polytron Ex | fixed,<br>remote sensor            | BVS 03 ATEX<br>E 160 X N1 | 30/04/2004 | methane, propane,<br>n-butane, hydrogen,<br>ethylene, dimethyl ether,<br>acetone, ammonia,<br>benzene, special boiling<br>point spirit 065/095, 1,3-<br>butadiene, cyclopropane,<br>diethyl ether, n-butyl<br>acetate, ethyl acetate,<br>ethylene oxide, methanol,<br>ethanol, 2-propanol,<br>n-hexane, n-octane,<br>n-nonane, methyl ethyl<br>ketone, propene, toluene,<br>acetylene, n-pentane,<br>1,2-propylene oxide | catalytic combustion      | 0 - 99 % LEL    |
| X-am 7000   | portable,<br>multi gas<br>detector | BVS 03 ATEX<br>E 371 X N1 | 22/10/2004 | propane  | catalytic combustion      | 0 - 100 % LEL   |
|             |                                    |                           |            | oxygen   | electrochemical<br>sensor | 0 - 25 %(v/v)   |
| X-am 7000   | portable,<br>multi gas<br>detector | BVS 03 ATEX<br>E 371 X N4 | 17/05/2005 | methane, propane   | infrared absorption       | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                | type                         | certificate             | date       | gases/vapours               | measuring principle    | measuring range |
|--------------------------|------------------------------|-------------------------|------------|-----------------------------|------------------------|-----------------|
| X-am 7000                | portable, multi gas detector | BVS 03 ATEX E 371 X N5  | 09/06/2005 | methane, propane            | catalytic combustion   | 0 - 100 % LEL   |
| X-am 7000                | portable, multi gas detector | BVS 03 ATEX E 371 X N7  | 22/02/2008 | n-nonane                    | catalytic combustion   | 0 - 100 % LEL   |
| X-am 7000                | portable, multi gas detector | BVS 03 ATEX E 371 X N8  | 22/07/2010 | alkanes (methane to nonane) | catalytic combustion   | 0 - 100 % LEL   |
|                          |                              |                         |            | see BVS 03 ATEX E 371 X N4  | infrared absorption    | 0 - 100 % LEL   |
| X-am 7000                | portable, multi gas detector | BVS 03 ATEX E 371 X N10 | 21/12/2011 | alkanes (methane to nonane) | catalytic combustion   | 0 - 100 % LEL   |
| X-am 7000                | portable, multi gas detector | BVS 03 ATEX E 371 X N11 | 27/05/2013 | methane                     | catalytic combustion   | 0 - 5 %(v/v)    |
|                          |                              |                         |            | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |
| Polytron 7000 (type P3U) | fixed, remote sensor         | BVS 03 ATEX E 406 X N1  | 23/06/2005 | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |
| Polytron 7000 (type P3U) | fixed, remote sensor         | BVS 03 ATEX E 406 X N3  | 30/04/2007 | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment  | type                 | certificate             | date       | gases/vapours              | measuring principle    | measuring range |
|--|----------------------|-------------------------|------------|----------------------------|------------------------|-----------------|
| Polytron 7000 (type P3U)   | fixed, remote sensor | BVS 03 ATEX E 406 X N4  | 15/10/2010 | oxygen                     | electrochemical sensor | 0 - 25 %(v/v)   |
| Polytron 7000 (type P3U)   | fixed, remote sensor | BVS 03 ATEX E 406 X N5  | 27/05/2011 | oxygen                     | electrochemical sensor | 0 - 25 %(v/v)   |
| Polytron 7000 (type P3U)   | fixed, remote sensor | BVS 03 ATEX E 406 X N10 | 18/11/2019 | oxygen                     | electrochemical sensor | 0 - 25 %(v/v)   |
| DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) | fixed, remote sensor | BVS 05 ATEX E 143 X N1  | 27/10/2006 | methane, propane, ethylene | infrared absorption    | 0 - 100 % LEL   |
| Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010) | fixed, remote sensor | BVS 05 ATEX E 143 X N1  | 27/10/2006 | methane, propane, ethylene | infrared absorption    | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours   | measuring principle | measuring range |
|---|---------------------------------------|------------------------|------------|---|---------------------|-----------------|
| DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) with control unit Polytron SE Ex | fixed, remote sensor and control unit | BVS 05 ATEX E 143 X N2 | 27/10/2006 | methane, propane, ethylene  | infrared absorption | 0 - 100 % LEL   |
| DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)                                  | fixed, remote sensor                  | BVS 05 ATEX E 143 X N3 | 19/05/2008 | methanol, ethanol, ethyl acetate  | infrared absorption | 0 - 70 % LEL    |
|   |                                       |                        |            | i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate |                     | 0 - 100 % LEL   |
| Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010)                                  | fixed, remote sensor                  | BVS 05 ATEX E 143 X N3 | 19/05/2008 | methanol, ethanol, ethyl acetate  | infrared absorption | 0 - 70 % LEL    |
|   |                                       |                        |            | i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate |                     | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours   | measuring principle | measuring range |
|---|---------------------------------------|------------------------|------------|---|---------------------|-----------------|
| DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) with control unit Polytron SE Ex | fixed, remote sensor and control unit | BVS 05 ATEX E 143 X N4 | 19/05/2008 | methanol, ethanol, ethyl acetate  | infrared absorption | 0 - 70 % LEL    |
|   |                                       |                        |            | i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate |                     | 0 - 100 % LEL   |
| DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010)                                  | fixed, remote sensor                  | BVS 05 ATEX E 143 X N6 | 27/05/2011 | see BVS 05 ATEX E 143 X N1, N3  |                     |                 |
| Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010)                                  | fixed, remote sensor                  | BVS 05 ATEX E 143 X N6 | 27/05/2011 | see BVS 05 ATEX E 143 X N1, N3  |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment  | type                         | certificate            | date       | gases/vapours                  | measuring principle  | measuring range |
|--|------------------------------|------------------------|------------|--------------------------------|----------------------|-----------------|
| DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) | fixed, remote sensor         | BVS 05 ATEX E 143 X N9 | 07/07/2016 | see BVS 05 ATEX E 143 X N1, N3 |                      |                 |
| Draeger PIR 3000 (types IDS0001, IDS0011, ITR0001, ITR0002, ITR0010) | fixed, remote sensor         | BVS 05 ATEX E 143 X N9 | 07/07/2016 | see BVS 05 ATEX E 143 X N1, N3 |                      |                 |
| X-am 1100, X-am 1700, X-am 2000 (type LQG 00xx)                      | portable, multi gas detector | BVS 06 ATEX G 006 X    | 14/12/2006 | alkanes (methane to nonane)    | catalytic combustion | 0 - 100 % LEL   |
| X-am 1100, X-am 1700, X-am 2000 (type LQG 00xx)                      | portable, multi gas detector | BVS 06 ATEX G 006 X N1 | 07/05/2010 | see BVS 06 ATEX G 006 X        | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment  | type                               | certificate               | date       | gases/vapours                  | measuring principle  | measuring range |
|--|------------------------------------|---------------------------|------------|--------------------------------|----------------------|-----------------|
| X-am 1100,<br>X-am 1700,<br>X-am 2000<br>(type LQG 00xx) | portable,<br>multi gas<br>detector | BVS 06 ATEX<br>G 006 X N2 | 28/04/2011 | see<br>BVS 06 ATEX G 006 X     | catalytic combustion | 0 - 100 % LEL   |
| X-am 5000<br>(type MQG 00xx)                             | portable,<br>multi gas<br>detector | BVS 08 ATEX<br>G 002 X    | 27/06/2008 | alkanes<br>(methane to nonane) | catalytic combustion | 0 - 100 % LEL   |
| X-am 5000<br>(type MQG 00xx)                             | portable,<br>multi gas<br>detector | BVS 08 ATEX<br>G 002 X N1 | 01/03/2010 | see<br>BVS 08 ATEX G 002 X     | catalytic combustion | 0 - 100 % LEL   |
| X-am 5000<br>(type MQG 00xx)                             | portable,<br>multi gas<br>detector | BVS 08 ATEX<br>G 002 X N2 | 28/04/2011 | see<br>BVS 08 ATEX G 002 X     | catalytic combustion | 0 - 100 % LEL   |
| Draeger PIR<br>7000 (types<br>IDS 01x1,<br>IDS 01x2)     | fixed,<br>remote sensor            | BVS 08 ATEX<br>G 001 X    | 30/10/2008 | propane                        | infrared absorption  | 0 - 5000 ppm    |
|  |                                    |                           |            | methane, propane,<br>ethylene  |                      | 0 - 100 % LEL   |
|  |                                    |                           |            | methane                        |                      | 0 - 100 %(v/v)  |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                   | type                 | certificate            | date       | gases/vapours  | measuring principle | measuring range |
|---|----------------------|------------------------|------------|--|---------------------|-----------------|
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor | BVS 08 ATEX G 001 X N1 | 30/06/2009 | methanol, ethanol, i-propanol, benzene, toluene, propylene, n-butane, i-butane, n-pentane, n-hexane, n-octane, n-nonane  | infrared absorption | 0 - 100 % LEL   |
| Draeger PIR 7000 type 334 (type IDS 01x1)   | fixed, remote sensor | BVS 08 ATEX G 001 X N2 | 22/12/2010 | acetone, allyl chloride, dichloromethane, 1,2-dichloropropane, 1,3-dichloropropene, epichlorohydrin, ethyl acetate, ethylene oxide, methyl chloride, 2-butanone (MEK), propylene oxide, o-xylene, 1,2-Dichloroethane, 1-methoxy-2-propanol | infrared absorption | 0 - 100 % LEL   |
| Draeger PIR 7000 type 340 (type IDS 01x2)   | fixed, remote sensor | BVS 08 ATEX G 001 X N2 | 22/12/2010 | acetone, dichloromethane, 1,3-dichloropropene, ethyl acetate, ethylene oxide, methyl chloride, 2-butanone (MEK), propylene oxide, 1,2-Dichloroethane   | infrared absorption | 0 - 100 % LEL   |
|   |                      |                        |            | cyclohexane  |                     | 0 - 50 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                   | type                 | certificate            | date       | gases/vapours   | measuring principle | measuring range |
|---|----------------------|------------------------|------------|---|---------------------|-----------------|
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor | BVS 08 ATEX G 001 X N3 | 10/03/2011 | see BVS 08 ATEX G 001 X and N1, N2  |                     |                 |
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor | BVS 08 ATEX G 001 X N4 | 20/06/2012 | see BVS 08 ATEX G 001 X and N1, N2  |                     |                 |
| Draeger PIR 7000 type 334 (type IDS 01x1)   | fixed, remote sensor | BVS 08 ATEX G 001 X N5 | 10/02/2014 | methyl isobutyl ketone, styrene   | infrared absorption | 0 - 100 % LEL   |
| Draeger PIR 7000 type 340 (type IDS 01x2)   | fixed, remote sensor | BVS 08 ATEX G 001 X N5 | 10/02/2014 | methyl isobutyl ketone, allyl chloride, 1,2-Dichloropropane, epichlorohydrin, o-xylene, 1-methoxy-2-propanol, cyclohexane | infrared absorption | 0 - 100 % LEL   |
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor | BVS 08 ATEX G 001 X N6 | 08/08/2014 | see BVS 08 ATEX G 001 X and N1, N2, N5  |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                   | type                 | certificate             | date       | gases/vapours  | measuring principle | measuring range |
|---|----------------------|-------------------------|------------|--|---------------------|-----------------|
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor | BVS 08 ATEX G 001 X N7  | 30/01/2015 | see BVS 08 ATEX G 001 X and N1, N2, N5   |                     |                 |
| Draeger PIR 7000 type 334 (type IDS 01x1)   | fixed, remote sensor | BVS 08 ATEX G 001 X N8  | 27/02/2015 | Vinyl chloride, Chlorobenzene, 1-Butene, Methyl chloroformate, 2,2,4-Trimethylpentane, 2,2,4,6,6-Pentamethyl-heptane | infrared absorption | 0 - 100 % LEL   |
| Draeger PIR 7000 type 340 (type IDS 01x2)   | fixed, remote sensor | BVS 08 ATEX G 001 X N8  | 27/02/2015 | 1-Butene, Methyl chloroformate, 2,2,4-Trimethylpentane, 2,2,4,6,6-Pentamethylheptane, Methylcyclohexane              | infrared absorption | 0 - 100 % LEL   |
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor | BVS 08 ATEX G 001 X N9  | 29/06/2016 | see BVS 08 ATEX G 001 X and N1, N2, N5, N8   |                     |                 |
| Draeger PIR 7000 type 334 (type IDS 01x1)   | fixed, remote sensor | BVS 08 ATEX G 001 X N10 | 24/08/2018 | ethanol, n-propanol, n-butanol, hexamethyldisiloxane, methyl acetate, methyl methacrylate, vinyl acetate             | infrared absorption | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                   | type                         | certificate                  | date       | gases/vapours   | measuring principle    | measuring range |
|---|------------------------------|------------------------------|------------|---|------------------------|-----------------|
| Draeger PIR 7000 type 340 (type IDS 01x2)   | fixed, remote sensor         | BVS 08 ATEX G 001 X N10      | 24/08/2018 | ethanol, n-propanol, n-butanol, hexamethyldisiloxane, methyl acetate, methyl methacrylate | infrared absorption    | 0 - 100 % LEL   |
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor         | BVS 08 ATEX G 001 X N11      | 16/12/2019 | see BVS 08 ATEX G 001 X and N1, N2, N5, N8, N10   |                        |                 |
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor         | BVS 08 ATEX G 001 X N12      | 14/10/2021 | see BVS 08 ATEX G 001 X and N1, N2, N5, N8, N10   |                        |                 |
| Draeger PIR 7000 (types IDS 01x1, IDS 01x2) | fixed, remote sensor         | BVS 08 ATEX G 001 X issue 01 | 14/02/2024 | see BVS 08 ATEX G 001 X and N1, N2, N5, N8, N10   |                        |                 |
| X-am 5600 (type MQG 01**)                   | portable, multi gas detector | BVS 10 ATEX E 080 X N1       | 24/08/2010 | methane, propane, n-nonane  | infrared absorption    | 0 - 100 % LEL   |
|   |                              |                              |            | hydrogen  | electrochemical sensor | 0 - 100 % LEL   |
| X-am 2500 (type MQG 0011)                   | portable, multi gas detector | BVS 10 ATEX E 080 X N3       | 11/01/2013 | alkanes (methane to nonane)   | catalytic combustion   | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                    | type                               | certificate               | date       | gases/vapours                  | measuring principle       | measuring range |
|------------------------------|------------------------------------|---------------------------|------------|--------------------------------|---------------------------|-----------------|
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N3 | 11/01/2013 | alkanes<br>(methane to nonane) | catalytic combustion      | 0 - 100 % LEL   |
| X-am 5600<br>(type MQG 0100) | portable, multi<br>gas detector    | BVS 10 ATEX<br>E 080 X N3 | 11/01/2013 | methane, propane,<br>n-nonane  | infrared absorption       | 0 - 100 % LEL   |
|                              |                                    |                           |            | hydrogen                       | electrochemical<br>sensor | 0 - 100 % LEL   |
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N4 | 02/06/2014 | alkanes<br>(methane to nonane) | catalytic combustion      | 0 - 100 % LEL   |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N4 | 02/06/2014 | alkanes<br>(methane to nonane) | catalytic combustion      | 0 - 100 % LEL   |
| X-am 5600<br>(type MQG 0100) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N4 | 02/06/2014 | methane, propane, n-<br>nonane | infrared absorption       | 0 - 100 % LEL   |
|                              |                                    |                           |            | hydrogen                       | electrochemical<br>sensor | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                    | type                               | certificate               | date       | gases/vapours  | measuring principle  | measuring range |
|------------------------------|------------------------------------|---------------------------|------------|--|----------------------|-----------------|
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N6 | 20/12/2016 | sensor XDS 00X2:<br>methane, propane,<br>ethane, ethene, ethine,<br>propene, n-butane,<br>i-butene, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N6 | 20/12/2016 | sensor XDS 00X2:<br>methane, propane,<br>ethane, ethene, ethine,<br>propene, n-butane,<br>i-butene, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N7 | 02/08/2017 | see<br>BVS 10 ATEX E 080 X N4<br>(sensor XDS 00x4) and<br>BVS 10 ATEX E 080 X N6<br>(sensor XDS 00x2)        |                      |                 |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N7 | 02/08/2017 | see<br>BVS 10 ATEX E 080 X N4<br>(sensor XDS 00x4) and<br>BVS 10 ATEX E 080 X N6<br>(sensor XDS 00x2)        |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                    | type                               | certificate               | date       | gases/vapours   | measuring principle | measuring range |
|------------------------------|------------------------------------|---------------------------|------------|---|---------------------|-----------------|
| X-am 5600<br>(type MQG 0100) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N7 | 02/08/2017 | see<br>BVS 10 ATEX E 080 X N4   |                     |                 |
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N8 | 13/08/2018 | see<br>BVS 10 ATEX E 080 X N4<br>(sensor XDS 00x4) and<br>BVS 10 ATEX E 080 X N6<br>(sensor XDS 00x2) |                     |                 |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N8 | 13/08/2018 | see<br>BVS 10 ATEX E 080 X N4<br>(sensor XDS 00x4) and<br>BVS 10 ATEX E 080 X N6<br>(sensor XDS 00x2) |                     |                 |
| X-am 5600<br>(type MQG 0100) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N8 | 13/08/2018 | see<br>BVS 10 ATEX E 080 X N4   |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                    | type                               | certificate                        | date       | gases/vapours  | measuring principle  | measuring range |
|------------------------------|------------------------------------|------------------------------------|------------|--|----------------------|-----------------|
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N9          | 03/04/2020 | see<br>BVS 10 ATEX E 080 X N4<br>(sensor XDS 00x4) and<br>BVS 10 ATEX E 080 X N6<br>(sensor XDS 00x2)  |                      |                 |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N9          | 03/04/2020 | see<br>BVS 10 ATEX E 080 X N4<br>(sensor XDS 00x4) and<br>BVS 10 ATEX E 080 X N6<br>(sensor XDS 00x2)  |                      |                 |
| X-am 5600<br>(type MQG 0100) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X N9          | 03/04/2020 | see<br>BVS 10 ATEX E 080 X N4  |                      |                 |
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 02 | 02/09/2022 | sensor XDS 00x4:<br>alkanes<br>(methane to nonane)<br><br>sensor XDS 00X2:<br>methane, propane,<br>ethane, ethene, ethine,<br>propene, n-butane,<br>i-butene, hydrogen | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                    | type                         | certificate                  | date       | gases/vapours  | measuring principle    | measuring range |
|------------------------------|------------------------------|------------------------------|------------|--|------------------------|-----------------|
| X-am 5000<br>(type MQG 0010) | portable, multi gas detector | BVS 10 ATEX E 080 X issue 02 | 02/09/2022 | sensor XDS 00x4:<br>alkanes<br>(methane to nonane)<br><br>sensor XDS 00X2:<br>methane, propane,<br>ethane, ethene, ethine,<br>propene, n-butane,<br>i-butene, hydrogen | catalytic combustion   | 0 - 100 % LEL   |
| X-am 5600<br>(type MQG 0100) | portable, multi gas detector | BVS 10 ATEX E 080 X issue 02 | 02/09/2022 | methane, propane, n-nonane   | infrared absorption    | 0 - 100 % LEL   |
|                              |                              |                              |            | hydrogen   | electrochemical sensor | 0 - 100 % LEL   |
| X-am 2500<br>(type MQG 0011) | portable, multi gas detector | BVS 10 ATEX E 080 X issue 03 | 14/12/2022 | see<br>BVS 10 ATEX E 080 X issue 02  |                        |                 |
| X-am 5000<br>(type MQG 0010) | portable, multi gas detector | BVS 10 ATEX E 080 X issue 03 | 14/12/2022 | see<br>BVS 10 ATEX E 080 X issue 02  |                        |                 |
| X-am 5600<br>(type MQG 0100) | portable, multi gas detector | BVS 10 ATEX E 080 X issue 03 | 14/12/2022 | see<br>BVS 10 ATEX E 080 X issue 02  |                        |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                    | type                               | certificate                        | date       | gases/vapours                          | measuring principle | measuring range |
|------------------------------|------------------------------------|------------------------------------|------------|--|---------------------|-----------------|
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 04 | 02/08/2023 | see<br>BVS 10 ATEX E 080 X<br>issue 02 |                     |                 |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 04 | 02/08/2023 | see<br>BVS 10 ATEX E 080 X<br>issue 02 |                     |                 |
| X-am 5600<br>(type MQG 0100) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 04 | 02/08/2023 | see<br>BVS 10 ATEX E 080 X<br>issue 02 |                     |                 |
| X-am 2500<br>(type MQG 0011) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 05 | 22/03/2024 | see<br>BVS 10 ATEX E 080 X<br>issue 02 |                     |                 |
| X-am 5000<br>(type MQG 0010) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 05 | 22/03/2024 | see<br>BVS 10 ATEX E 080 X<br>issue 02 |                     |                 |
| X-am 5600<br>(type MQG 0100) | portable,<br>multi gas<br>detector | BVS 10 ATEX<br>E 080 X<br>issue 05 | 22/03/2024 | see<br>BVS 10 ATEX E 080 X<br>issue 02 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|---|-------------------------|------------------------|------------|--|----------------------|-----------------|
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X | 12/09/2013 | methane, propane, acetone,<br>acetylene, ammonia, special<br>boiling point spirit 65/95,<br>benzene, 1,3-butadiene, n-<br>butane, 2-butanone, n-butyl<br>acetate, diethyl ether,<br>dimethyl ether, ethanol,<br>ethylene, ethyl acetate,<br>ethylene oxide, n-hexane,<br>methanol, methyl<br>methacrylate, n-octane,<br>n-pentane, 2-propanol,<br>propylene, propylene<br>oxyide, n-nonane, toluene,<br>o-xylene, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X | 12/09/2013 | ethanol, ethyl acetate   | infrared absorption  | 0 - 70 % LEL    |
|   |                         |                        |            | methane, propane,<br>ethylene, i-butane,<br>n-butane, n-pentane,<br>n-hexane, n-octane,<br>n-nonane, i-propanol,<br>propylene, toluene, acetone,<br>ethyl acetate  |                      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate               | date       | gases/vapours   | measuring principle       | measuring range   |
|---|-------------------------|---------------------------|------------|---|---------------------------|-------------------|
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X    | 12/09/2013 | see BVS 08 ATEX<br>G 001 X and supplements<br>for type IDS 01x1 | infrared absorption       |                   |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X    | 12/09/2013 | see BVS 08 ATEX<br>G 001 X and supplements<br>for type IDS 01x2 | infrared absorption       |                   |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N1 | 13/11/2014 | acetic acid   | catalytic combustion      | 0 - 100 % LEL     |
| Polytron 8000<br>(types ETR 040*<br>and ETR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N2 | 19/12/2014 | oxygen  | electrochemical<br>sensor | 0 - 5...25 %(v/v) |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N3 | 29/06/2015 | see<br>BVS 13 ATEX G 001 X                                      |                           |                   |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N3 | 29/06/2015 | see<br>BVS 13 ATEX G 001 X                                      |                           |                   |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N3 | 29/06/2015 | see<br>BVS 13 ATEX G 001 X                                      |                           |                   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate               | date       | gases/vapours                     | measuring principle       | measuring range   |
|---|-------------------------|---------------------------|------------|-----------------------------------|---------------------------|-------------------|
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N3 | 29/06/2015 | see BVS 13 ATEX G 001 X<br>and N1 |                           |                   |
| Polytron 8000 (type<br>ETR 040* and ETR<br>050*)  | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N3 | 29/06/2015 | see BVS 13 ATEX G 001 X<br>N2     |                           |                   |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N4 | 18/05/2017 | oxygen                            | electrochemical<br>sensor | 0 - 5...25 %(v/v) |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N4 | 18/05/2017 | see BVS 13 ATEX G 001 X<br>and N1 |                           |                   |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N4 | 18/05/2017 | see BVS 13 ATEX G 001 X           |                           |                   |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N4 | 18/05/2017 | see BVS 13 ATEX G 001 X           |                           |                   |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N4 | 18/05/2017 | see BVS 13 ATEX G 001 X           |                           |                   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate               | date       | gases/vapours  | measuring principle  | measuring range |
|---|-------------------------|---------------------------|------------|--|----------------------|-----------------|
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N5 | 27/04/2018 | see BVS 13 ATEX G 001 X<br>and N1  |                      |                 |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N6 | 27/02/2019 | see BVS 13 ATEX G 001 X<br>N4  |                      |                 |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N6 | 27/02/2019 | see BVS 13 ATEX G 001 X<br>and N1  |                      |                 |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N6 | 27/02/2019 | see BVS 13 ATEX G 001 X  |                      |                 |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N6 | 27/02/2019 | see BVS 13 ATEX G 001 X  |                      |                 |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N6 | 27/02/2019 | see BVS 13 ATEX G 001 X  |                      |                 |
| Polytron 8200<br>(types XTR 042*<br>and XTR 052*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N7 | 29/07/2019 | Methane, propane, ethy-<br>lene, acetylene, propylene,<br>i-butylene, benzene,<br>n-nonane, hydrogen | catalytic combustion | 0 - 10 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate               | date       | gases/vapours                        | measuring principle | measuring range |
|---|-------------------------|---------------------------|------------|--------------------------------------|---------------------|-----------------|
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N8 | 04/02/2020 | see<br>BVS 13 ATEX G 001 X           |                     |                 |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N8 | 04/02/2020 | see<br>BVS 13 ATEX G 001 X           |                     |                 |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N9 | 01/02/2021 | see<br>BVS 13 ATEX G 001 X N4        |                     |                 |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N9 | 01/02/2021 | see<br>BVS 13 ATEX G 001 X<br>and N1 |                     |                 |
| Polytron 8200<br>(types XTR 042*<br>and XTR 052*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N9 | 01/02/2021 | see<br>BVS 13 ATEX G 001 X N7        |                     |                 |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N9 | 01/02/2021 | see<br>BVS 13 ATEX G 001 X           |                     |                 |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed, remote<br>sensor | BVS 13 ATEX<br>G 001 X N9 | 01/02/2021 | see<br>BVS 13 ATEX G 001 X           |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate                        | date       | gases/vapours                        | measuring principle | measuring range |
|---|-------------------------|------------------------------------|------------|--------------------------------------|---------------------|-----------------|
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N9          | 01/02/2021 | see<br>BVS 13 ATEX G 001 X           |                     |                 |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X N10         | 07/12/2021 | see<br>BVS 13 ATEX G 001 X N4        |                     |                 |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 01 | 26/06/2023 | see<br>BVS 13 ATEX G 001 X N4        |                     |                 |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 01 | 26/06/2023 | see<br>BVS 13 ATEX G 001 X<br>and N1 |                     |                 |
| Polytron 8200<br>(types XTR 042*<br>and XTR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 01 | 26/06/2023 | see<br>BVS 13 ATEX G 001 X N7        |                     |                 |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 01 | 26/06/2023 | see<br>BVS 13 ATEX G 001 X           |                     |                 |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 01 | 26/06/2023 | see<br>BVS 13 ATEX G 001 X           |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate                        | date       | gases/vapours                 | measuring principle | measuring range |
|---|-------------------------|------------------------------------|------------|-------------------------------|---------------------|-----------------|
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 01 | 26/06/2023 | see<br>BVS 13 ATEX G 001 X    |                     |                 |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 23/10/2023 | see<br>BVS 13 ATEX G 001 X N4 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate                        | date       | gases/vapours  | measuring principle  | measuring range |
|---|-------------------------|------------------------------------|------------|--|----------------------|-----------------|
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 23/10/2023 | methane, propane, acetic acid, acetone, acetylene, allyl alcohol, ammonia, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, isobutane, isobutene, 2-butanone, n-butyl acetate, carbon monoxide, cyclohexane, cyclopentane, diethyl ether, dimethyl ether, ethane, ethanol, 1-ethoxy-2-propanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, 1-methoxy-2-propanol, methyl methacrylate, 1-methyl-2-pyrrolidone, methyl <i>tert</i> -butylether, n-octane, n-pentane, 1-propanol, 2-propanol, propylene, propylene oxide, n-nonane, styrene, toluene, o-xylene, hydrogen | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate                        | date       | gases/vapours                          | measuring principle | measuring range |
|---|-------------------------|------------------------------------|------------|--|---------------------|-----------------|
| Polytron 8200<br>(types XTR 042*<br>and XTR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 23/10/2023 | see<br>BVS 13 ATEX G 001 X N7          |                     |                 |
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 23/10/2023 | see<br>BVS 13 ATEX G 001 X             |                     |                 |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 23/10/2023 | see<br>BVS 13 ATEX G 001 X             |                     |                 |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 23/10/2023 | see<br>BVS 13 ATEX G 001 X             |                     |                 |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 03 | 22/04/2025 | see<br>BVS 13 ATEX G 001 X N4          |                     |                 |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 02 | 22/04/2025 | see<br>BVS 13 ATEX G 001 X<br>issue 02 |                     |                 |
| Polytron 8200<br>(types XTR 042*<br>and XTR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 03 | 22/04/2025 | see<br>BVS 13 ATEX G 001 X N7          |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate                        | date       | gases/vapours                          | measuring principle | measuring range              |
|---|-------------------------|------------------------------------|------------|--|---------------------|------------------------------|
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 03 | 22/04/2025 | see<br>BVS 13 ATEX G 001 X             |                     |                              |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 03 | 22/04/2025 | see<br>BVS 13 ATEX G 001 X             |                     |                              |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 03 | 22/04/2025 | see<br>BVS 13 ATEX G 001 X             |                     |                              |
| Polytron 8100<br>(types ETR 040*<br>and ETR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 04 | 26/05/2026 | Oxygen<br>Hydrogen                     | EC<br>EC            | 0-5...25 %v/v)<br>0-100 %LEL |
| Polytron 8200<br>(types XTR 041*<br>and XTR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 04 | 26/05/2026 | see<br>BVS 13 ATEX G 001 X<br>issue 02 |                     |                              |
| Polytron 8200<br>(types XTR 042*<br>and XTR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 04 | 26/05/2026 | see<br>BVS 13 ATEX G 001 X N7          |                     |                              |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate                        | date       | gases/vapours   | measuring principle  | measuring range |
|---|-------------------------|------------------------------------|------------|---|----------------------|-----------------|
| Polytron 8310<br>(types XTR 040*<br>and XTR 050*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 04 | 26/05/2026 | see<br>BVS 13 ATEX G 001 X  |                      |                 |
| Polytron 8700<br>(types ITR 041*<br>and ITR 051*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 04 | 26/05/2026 | see<br>BVS 13 ATEX G 001 X  |                      |                 |
| Polytron 8700<br>(types ITR 042*<br>and ITR 052*) | fixed,<br>remote sensor | BVS 13 ATEX<br>G 001 X<br>issue 04 | 26/05/2026 | see<br>BVS 13 ATEX G 001 X  |                      |                 |
| Polytron 5200<br>(types XTR 021*<br>and XTR 031*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X             | 03/09/2015 | methane, propane, acetone,<br>acetylene, ammonia, special<br>boiling point spirit 65/95,<br>benzene, 1,3-butadiene,<br>n-butane, 2-butanone, n-<br>butyl acetate, diethyl ether,<br>dimethyl ether, ethanol,<br>ethylene, ethyl acetate,<br>ethylene oxide, n-hexane,<br>methanol, methyl<br>methacrylate, n-octane, n-<br>pentane, 2-propanol,<br>propylene, propylene oxide,<br>n-nonane, toluene, o-<br>xylene, hydrogen | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate               | date       | gases/vapours   | measuring principle | measuring range |
|---|-------------------------|---------------------------|------------|---|---------------------|-----------------|
| Polytron 5310<br>(types XTR 020*<br>and XTR 030*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X    | 03/09/2015 | ethanol, ethyl acetate  | infrared absorption | 0 - 70 % LEL    |
|   |                         |                           |            | methane, propane,<br>ethylene, i-butane,<br>n-butane, n-pentane,<br>n-hexane, n-octane,<br>n-nonane, i-propanol,<br>propylene, toluene,<br>acetone, ethyl acetate |                     | 0 - 100 % LEL   |
| Polytron 5700<br>(types ITR 021*<br>and ITR 031*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X    | 03/09/2015 | see BVS 08 ATEX<br>G 001 X and supplements<br>for type IDS 01x1   | infrared absorption |                 |
| Polytron 5700<br>(types ITR 022*<br>and ITR 032*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X    | 03/09/2015 | see BVS 08 ATEX<br>G 001 X and supplements<br>for type IDS 01x2   | infrared absorption |                 |
| Polytron 5200<br>(types XTR 021*<br>and XTR 031*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X N1 | 27/04/2018 | see<br>BVS 15 ATEX G 001 X  |                     |                 |
| Polytron 5310<br>(types XTR 020*<br>and XTR 030*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X N1 | 27/04/2018 | see<br>BVS 15 ATEX G 001 X  |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment   | type                    | certificate               | date       | gases/vapours                                      | measuring principle | measuring range |
|---|-------------------------|---------------------------|------------|--|---------------------|-----------------|
| Polytron 5700<br>(types ITR 021*<br>and ITR 031*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X N1 | 27/04/2018 | see<br>BVS 15 ATEX G 001 X                         |                     |                 |
| Polytron 5700<br>(types ITR 022*<br>and ITR 032*) | fixed,<br>remote sensor | BVS 15 ATEX<br>G 001 X N1 | 27/04/2018 | see<br>BVS 15 ATEX G 001 X                         |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X    | 09/02/2017 | flammable gases accord-<br>ing to used transmitter |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X    | 09/02/2017 | oxygen according to used<br>transmitter            |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X N1 | 31/01/2018 | see<br>BVS 16 ATEX G 003 X                         |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X N2 | 14/06/2018 | see<br>BVS 16 ATEX G 003 X                         |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X N3 | 05/02/2021 | see<br>BVS 16 ATEX G 003 X                         |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X N4 | 26/04/2021 | see<br>BVS 16 ATEX G 003 X                         |                     |                 |
| REGARD 7000                                       | fixed,<br>control unit  | BVS 16 ATEX G<br>003 X N5 | 14/11/2022 | see<br>BVS 16 ATEX G 003 X                         |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                  | type                               | certificate                        | date       | gases/vapours   | measuring principle  | measuring range |
|--|------------------------------------|------------------------------------|------------|---|----------------------|-----------------|
| REGARD 7000                                | fixed,<br>control unit             | BVS 16 ATEX G<br>003 X<br>issue 01 | 16/07/2024 | see<br>BVS 16 ATEX G 003 X  |                      |                 |
| REGARD 7000                                | fixed,<br>control unit             | BVS 16 ATEX G<br>003 X<br>issue 02 | 17/10/2025 | see<br>BVS 16 ATEX G 003 X  |                      |                 |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N1          | 26/06/2019 | sensor CatEx 125 PR<br>Gas:<br>methane, propane,<br>ethane, ethene, ethine,<br>propene, n-butane,<br>i-butene, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N1          | 26/06/2019 | sensor CatEx 125 PR:<br>n-alkanes from methane to<br>n-octane   | catalytic combustion | 0 - 100 % LEL   |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N1          | 26/06/2019 | sensors Dual IR Ex/CO <sub>2</sub><br>und IR Ex:<br>methane, propane, n-<br>nonane                                      | infrared absorption  | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                  | type                               | certificate               | date       | gases/vapours  | measuring principle       | measuring range |
|--|------------------------------------|---------------------------|------------|--|---------------------------|-----------------|
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N1 | 26/06/2019 | sensor XXS H <sub>2</sub> HC:<br>hydrogen  | electrochemical<br>sensor | 0 - 100 % LEL   |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N2 | 03/04/2020 | see<br>BVS 17 ATEX E 040 X N1  |                           |                 |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N2 | 03/04/2020 | sensors Dual IR Ex/CO <sub>2</sub><br>ES und IR Ex ES:<br>methane, propane, n-<br>nonane | infrared absorption       | 0 - 100 % LEL   |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N3 | 15/04/2021 | see<br>BVS 17 ATEX E 040 X N2  |                           |                 |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X N5 | 13/12/2021 | see<br>BVS 17 ATEX E 040 X N2  |                           |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment                                  | type                               | certificate                        | date       | gases/vapours                                      | measuring principle | measuring range |
|--|------------------------------------|------------------------------------|------------|--|---------------------|-----------------|
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X<br>issue 01 | 02/11/2022 | see<br>BVS 17 ATEX E 040 X N2                      |                     |                 |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X<br>issue 02 | 06/06/2023 | see<br>BVS 17 ATEX E 040 X N2                      |                     |                 |
| X-am 3500<br>X-am 8000<br>(types HFG 00*0) | portable,<br>multi gas<br>detector | BVS 17 ATEX<br>E 040 X<br>issue 03 | 31/01/2024 | see<br>BVS 17 ATEX E 040 X N2                      |                     |                 |
| REGARD 3000                                | fixed,<br>control unit             | BVS 21 ATEX G<br>001 X             | 12/01/2022 | flammable gases accord-<br>ing to used transmitter |                     |                 |
| REGARD 3000                                | fixed,<br>control unit             | BVS 21 ATEX G<br>001 X             | 12/01/2022 | oxygen according to used<br>transmitter            |                     |                 |
| REGARD 3000                                | fixed,<br>control unit             | BVS 21 ATEX G<br>001 X N1          | 01/08/2022 | see<br>BVS 21 ATEX G 001 X                         |                     |                 |
| REGARD 3000                                | fixed,<br>control unit             | BVS 21 ATEX G<br>001 X<br>issue 01 | 20/08/2024 | see<br>BVS 21 ATEX G 001 X                         |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Dräger Safety AG & Co. KGaA, 23560 Lübeck, Germany (continued)**

| equipment           | type                   | certificate                        | date       | gases/vapours                                      | measuring principle | measuring range |
|---------------------|------------------------|------------------------------------|------------|--|---------------------|-----------------|
| REGARD 3000         | fixed,<br>control unit | BVS 21 ATEX G<br>001 X<br>issue 02 | 17/10/2025 | see<br>BVS 21 ATEX G 001 X                         |                     |                 |
| REGARD 3000<br>plus | fixed,<br>control unit | BVS 21 ATEX G<br>001 X<br>issue 02 | 17/10/2025 | flammable gases accord-<br>ing to used transmitter |                     |                 |
| REGARD 3000<br>plus | fixed,<br>control unit | BVS 21 ATEX G<br>001 X<br>issue 02 | 17/10/2025 | oxygen according to used<br>transmitter            |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety France sas, 67100 Strasbourg, France**

| equipment  | type                                  | certificate         | date       | gases/vapours  | measuring principle  | measuring range |
|--|---------------------------------------|---------------------|------------|--|----------------------|-----------------|
| Control unit UniGard with sensing head SE Ex PR M..  | fixed, control unit and remote sensor | BVS 05 ATEX G 002 X | 13/09/2005 | methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide | catalytic combustion | 0 - 100 % LEL   |
| Control unit UniGard with sensing head Polytron 2 IR | fixed, control unit and remote sensor | BVS 05 ATEX G 002 X | 13/09/2005 | see DMT 97 ATEX E 003 X N2, N3, N5, N6, N7, N8, N10 and N11  | infrared absorption  | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety France sas, 67100 Strasbourg, France (continued)**

| equipment  | type                                  | certificate         | date       | gases/vapours  | measuring principle  | measuring range |
|--|---------------------------------------|---------------------|------------|--|----------------------|-----------------|
| Control unit module 8 SE-EX with sensing head SE Ex PR M.. | fixed, control unit and remote sensor | BVS 05 ATEX G 003 X | 19/12/2005 | methane, propane, n-butane, hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety France sas, 67100 Strasbourg, France (continued)**

| equipment  | type  | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|--|---|------------------------|------------|--|----------------------|-----------------|
| Control unit<br>MCE 420 with<br>sensing head<br>SE Ex PR M.. | fixed,<br>control unit and<br>remote sensor | BVS 06 ATEX<br>G 001 X | 04/04/2006 | methane, propane,<br>n-butane, hydrogen,<br>ethylene, dimethyl ether,<br>acetone, ammonia,<br>benzene, special boiling<br>point spirit 065/095, 1,3-<br>butadiene, cyclopropane,<br>diethyl ether, n-butyl<br>acetate, ethyl acetate,<br>ethylene oxide, methanol,<br>ethanol, 2-propanol,<br>n-hexane, n-octane,<br>n-nonane, methyl ethyl<br>ketone, propene, toluene,<br>acetylene, n-pentane,<br>1,2-propylene oxide | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England**

| equipment   | type  | certificate               | date       | gases/vapours   | measuring principle | measuring range |
|---|---|---------------------------|------------|---|---------------------|-----------------|
| Regard  | fixed,<br>control unit                      | DMT 02 ATEX<br>G 002 X    | 24/03/2003 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| Regard  | fixed,<br>control unit                      | DMT 02 ATEX<br>G 002 X N1 | 01/08/2003 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| Regard  | fixed,<br>control unit                      | DMT 02 ATEX<br>G 002 X N2 | 26/05/2004 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
| Regard with<br>DraegerSensor<br>IR (types<br>IDS0002,<br>IDS0012,<br>ISH0001,<br>ISH0002,<br>ISH0010) | fixed,<br>control unit and<br>remote sensor | DMT 02 ATEX<br>G 002 X N3 | 27/10/2006 | methane, propane,<br>ethylene                           | infrared absorption | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours   | measuring principle  | measuring range |
|--|---------------------------------------|------------------------|------------|---|----------------------|-----------------|
| Regard with sensing heads SE Ex PR M and SE Ex HT M                              | fixed, control unit and remote sensor | DMT 02 ATEX G 002 X N4 | 31/03/2008 | methane, propane, n-butane hydrogen, ethylene, dimethyl ether, acetone, ammonia, benzene, special boiling point spirit 065/095, 1,3-butadiene, cyclopropane, diethyl ether, n-butyl acetate, ethyl acetate, ethylene oxide, methanol, ethanol, 2-propanol, n-hexane, n-octane, n-nonane, methyl ethyl ketone, propene, toluene, acetylene, n-pentane, 1,2-propylene oxide | catalytic combustion | 0 - 100 % LEL   |
| Regard with DraegerSensor IR (types IDS0002, IDS0012, ISH0001, ISH0002, ISH0010) | fixed, control unit and remote sensor | DMT 02 ATEX G 002 X N5 | 19/05/2008 | methanol, ethanol, ethyl acetate  | infrared absorption  | 0 - 70 % LEL    |
|  |                                       |                        |            | i-butane, n-butane, n-pentane, n-hexane, n-octane, n-nonane, i-propanol, propylene, toluene, acetone, ethyl acetate   |                      | 0 - 100 % LEL   |
| Regard   | fixed, control unit                   | DMT 02 ATEX G 002 X N6 | 29/05/2009 | See DMT 02 ATEX G 002 X and N2 - N5   |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|--|---------------------------------------|------------------------|------------|--|----------------------|-----------------|
| Regard with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD | fixed, control unit and remote sensor | DMT 02 ATEX G 002 X N7 | 15/10/2010 | ammonia, hydrogen  | catalytic combustion | 0 - 70 % LEL    |
|  |                                       |                        |            | methane, propane, acetone, acetylene, special boiling point spirit 65/95, benzene, 1,3-butadiene, n-butane, 2-butanone, n-butyl acetate, diethyl ether, dimethyl ether, ethanol, ethylene, ethyl acetate, ethylene oxide, n-hexane, methanol, methyl methacrylate, n-octane, n-pentane, 2-propanol, propylene, propylene oxyide, n-nonane, toluene, o-xylene |                      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)**

| equipment  | type                                  | certificate             | date       | gases/vapours                       | measuring principle | measuring range |
|--|---------------------------------------|-------------------------|------------|-------------------------------------|---------------------|-----------------|
| Regard with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD | fixed, control unit and remote sensor | DMT 02 ATEX G 002 X N8  | 18/07/2011 | see DMT 02 ATEX G 002 X N7          |                     |                 |
| Regard   | fixed, control unit                   | DMT 02 ATEX G 002 X N9  | 17/10/2011 | see DMT 02 ATEX G 002 X and N2 - N8 |                     |                 |
| Regard   | fixed, control unit                   | DMT 02 ATEX G 002 X N10 | 27/11/2015 | see DMT 02 ATEX G 002 X and N2 - N8 |                     |                 |
| Regard   | fixed, control unit                   | DMT 02 ATEX G 002 X N11 | 18/04/2016 | see DMT 02 ATEX G 002 X and N2 - N8 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)**

| equipment                                   | type  | certificate               | date       | gases/vapours  | measuring principle  | measuring range |
|---|---|---------------------------|------------|--|----------------------|-----------------|
| Regard-1                                    | fixed,<br>control unit                      | BVS 03 ATEX<br>G 011 X    | 06/08/2004 | combustible gases<br>according to used remote<br>sensor  | not applicable       | 0 - 100 % LEL   |
|   |   |                           |            | oxygen   |                      | 0 - 25 %(v/v)   |
| Regard-1                                    | fixed,<br>control unit                      | BVS 03 ATEX<br>G 011 X N1 | 08/06/2005 | see<br>BVS 03 ATEX G 011 X   |                      |                 |
| Regard-1 with<br>sensing head SE<br>Ex PR M | fixed,<br>control unit and<br>remote sensor | BVS 03 ATEX<br>G 011 X N1 | 08/06/2005 | methane, propane, n-<br>butane, hydrogen,<br>ethylene, dimethyl ether,<br>acetone, ammonia,<br>benzene, special boiling<br>point spirit 065/095, 1,3-<br>butadiene, cyclopropane,<br>diethyl ether, n-butyl<br>acetate, ethyl acetate,<br>ethylene oxide, methanol,<br>ethanol, 2-propanol,<br>n-hexane, n-octane,<br>n-nonane, methyl ethyl<br>ketone, propene, toluene,<br>acetylene, n-pentane, 1,2-<br>propylene oxide | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)**

| equipment  | type  | certificate               | date       | gases/vapours  | measuring principle  | measuring range |
|--|---|---------------------------|------------|--|----------------------|-----------------|
| Regard-1 with sensing heads<br>type Polytron SE<br>Ex PR M1 DD,<br>Polytron SE Ex<br>PR M2 DD,<br>Polytron SE Ex<br>PR M3 DD,<br>Polytron SE Ex<br>PR NPT1 DD and<br>Polytron SE Ex<br>HT M DD | fixed,<br>control unit and<br>remote sensor | BVS 03 ATEX<br>G 011 X N2 | 15/10/2010 | ammonia, hydrogen  | catalytic combustion | 0 - 70 % LEL    |
|  |   |                           |            | methane, propane,<br>acetone, acetylene,<br>special boiling point spirit<br>65/95, benzene, 1,3-<br>butadiene, n-butane, 2-<br>butanone, n-butyl acetate,<br>diethyl ether, dimethyl<br>ether, ethanol, ethylene,<br>ethyl acetate, ethylene<br>oxide, n-hexane,<br>methanol, methyl<br>methacrylate, n-octane, n-<br>pentane, 2-propanol,<br>propylene, propylene<br>oxyide, n-nonane, toluene,<br>o-xylene |                      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Draeger Safety UK Ltd., Blyth, Northumberland NE24 4RG, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours                         | measuring principle | measuring range |
|--|---------------------------------------|------------------------|------------|---------------------------------------|---------------------|-----------------|
| Regard-1 with sensing heads type Polytron SE Ex PR M1 DD, Polytron SE Ex PR M2 DD, Polytron SE Ex PR M3 DD, Polytron SE Ex PR NPT1 DD and Polytron SE Ex HT M DD | fixed, control unit and remote sensor | BVS 03 ATEX G 011 X N3 | 18/07/2011 | see BVS 03 ATEX G 011 X N2            |                     |                 |
| Regard-1   | fixed, control unit                   | BVS 03 ATEX G 011 X N4 | 14/05/2012 | see BVS 03 ATEX G 011 X and N1 and N2 |                     |                 |
| Regard-1   | fixed, control unit                   | BVS 03 ATEX G 011 X N5 | 21/03/2014 | see BVS 03 ATEX G 011 X and N1 and N2 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Esders GmbH, 49740 Haselünne, Germany**

| equipment   | type     | certificate               | date       | gases/vapours    | measuring principle  | measuring range |
|-------------|----------|---------------------------|------------|------------------|----------------------|-----------------|
| SIGI EX(-P) | portable | BVS 05 ATEX<br>E 010 X N3 | 16/07/2009 | methane, propane | catalytic combustion | 0 - 50 % LEL    |
| SIGI EX(-P) | portable | BVS 05 ATEX<br>E 010 X N6 | 15/12/2015 | methane, propane | catalytic combustion | 0 - 50 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**General Monitors Ltd., Galway, Ireland**

| equipment | type                    | certificate               | date       | gases/vapours  | measuring principle | measuring range |
|-----------|-------------------------|---------------------------|------------|--|---------------------|-----------------|
| UXIR      | fixed,<br>remote sensor | BVS 15 ATEX<br>E 009 X N1 | 27/04/2015 | methane, propane,<br>ethylene, 2-butanone,<br>acetone, 1,3-butadiene,<br>diethyl ether, ethane,<br>ethanol, ethyl acetate,<br>ethylene oxide, special<br>boiling point spirit 65/95, i-<br>butyl acetate, n-butyl<br>acetate, n-butane, n-<br>hexane, n-nonane, n-<br>pentane, 2-propanol,<br>propylene, propylene<br>oxide, toluene, xylene<br>(mixed isomers), cyclo-<br>pentane, allyl alcohol, l-<br>butylene, l-butane,<br>methanol | infrared absorption | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany**

| equipment   | type                    | certificate               | date       | gases/vapours   | measuring principle  | measuring range |
|-------------|-------------------------|---------------------------|------------|---|----------------------|-----------------|
| GMA 101     | fixed,<br>control unit  | BVS 03 ATEX<br>G 004 X    | 25/06/2003 | combustible gases<br>according to used remote<br>sensor | not applicable       | 0 - 100 % LEL   |
| GMA 101     | fixed,<br>control unit  | BVS 03 ATEX<br>G 004 X N1 | 23/10/2009 | see<br>BVS 03 ATEX G 004 X                              |                      |                 |
| GMA 41 (B)  | fixed,<br>control unit  | BVS 03 ATEX<br>G 005 X    | 25/06/2003 | combustible gases<br>according to used remote<br>sensor | not applicable       | 0 - 100 % LEL   |
| GMA 41 (B)  | fixed,<br>control unit  | BVS 03 ATEX<br>G 005 X N1 | 23/10/2009 | see<br>BVS 03 ATEX G 005 X                              |                      |                 |
| GMA 81 (A)  | fixed,<br>control unit  | BVS 03 ATEX<br>G 006 X    | 25/06/2003 | combustible gases<br>according to used remote<br>sensor | not applicable       | 0 - 100 % LEL   |
| GMA 81 (A)  | fixed,<br>control unit  | BVS 03 ATEX<br>G 006 X N1 | 23/10/2009 | see<br>BVS 03 ATEX G 006 X                              |                      |                 |
| MWG 243* II | fixed,<br>remote sensor | BVS 03 ATEX<br>G 009 X    | 10/07/2003 | methane, propane,<br>ethanol, n-nonane                  | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)**

| equipment             | type                               | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|-----------------------|------------------------------------|------------------------|------------|--|----------------------|-----------------|
| G750<br>Polytector II | portable,<br>multi gas<br>detector | BVS 03 ATEX<br>G 014 X | 16/09/2003 | methane, propane   | catalytic combustion | 0 - 100 % LEL   |
| Microtector G333      | portable,<br>multi gas<br>detector | BVS 03 ATEX<br>G 015 X | 18/09/2003 | methane, propane   | catalytic combustion | 0 - 100 % LEL   |
| CC28*                 | fixed,<br>remote sensor            | BVS 05 ATEX<br>G 001 X | 20/06/2005 | sensor MK 208-1  | catalytic combustion |                 |
|                       |                                    |                        |            | methane, propane,<br>ethylene, n-hexane, n-<br>nonane, acetone, 2-<br>propanol, ethyl acetate,<br>toluene, diethyl ether |                      | 0 - 100 % LEL   |
|                       |                                    |                        |            | ammonia  |                      | 0 - 4 %(v/v)    |
| CC28*                 | fixed,<br>remote sensor            | BVS 05 ATEX<br>G 001 X | 20/06/2005 | sensor MK 217-1  | catalytic combustion |                 |
|                       |                                    |                        |            | methane, propane,<br>hydrogen  |                      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)**

| equipment | type                    | certificate               | date       | gases/vapours   | measuring principle  | measuring range |
|-----------|-------------------------|---------------------------|------------|---|----------------------|-----------------|
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X    | 20/06/2005 | sensor MK 218-1   | catalytic combustion |                 |
|           |                         |                           |            | methane, propane,<br>ethylene, n-hexane, n-<br>nonane, acetone, 2-<br>propanol, ethyl acetate,<br>toluene, diethyl ether,<br>hydrogen |                      | 0 - 100 % LEL   |
|           |                         |                           |            | ammonia   |                      | 0 - 4 %(v/v)    |
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N1 | 13/12/2005 | see<br>BVS 05 ATEX G 001 X  | catalytic combustion |                 |
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N2 | 26/11/2010 | sensor MK 208-1   | catalytic combustion |                 |
|           |                         |                           |            | methane, propane,<br>ethylene, n-hexane, n-<br>nonane, acetone, 2-<br>propanol, ethyl acetate,<br>toluene, diethyl ether              |                      | 0 - 100 % LEL   |
|           |                         |                           |            | ammonia   |                      | 0 - 4 %(v/v)    |
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N2 | 26/11/2010 | sensor MK 217-1   | catalytic combustion |                 |
|           |                         |                           |            | methane, propane,<br>hydrogen   |                      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)**

| equipment | type                    | certificate               | date       | gases/vapours  | measuring principle  | measuring range |
|-----------|-------------------------|---------------------------|------------|--|----------------------|-----------------|
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N3 | 29/06/2017 | sensor MK 208-1  | catalytic combustion | 0 - 100 % LEL   |
|           |                         |                           |            | methane, propane,<br>ethylene, n-hexane, n-<br>nonane, acetone, 2-<br>propanol, ethyl acetate,<br>toluene, diethyl ether |                      |                 |
|           |                         |                           |            | ammonia  |                      |                 |
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N3 | 29/06/2017 | sensor MK 217-1  | catalytic combustion | 0 - 100 % LEL   |
|           |                         |                           |            | methane, propane,<br>hydrogen  |                      |                 |
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N4 | 26/10/2022 | sensor MK 208-1  | catalytic combustion | 0 - 100 % LEL   |
|           |                         |                           |            | methane, propane,<br>n-nonane, 2-propanol  |                      |                 |
|           |                         |                           |            | ammonia  |                      |                 |
| CC28*     | fixed,<br>remote sensor | BVS 05 ATEX<br>G 001 X N4 | 26/10/2022 | sensor MK 217-1  | catalytic combustion | 0 - 100 % LEL   |
|           |                         |                           |            | methane, propane,<br>hydrogen  |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Gesellschaft für Gerätebau mbH, 44143 Dortmund, Germany (continued)**

| equipment | type                         | certificate            | date       | gases/vapours                                 | measuring principle  | measuring range |
|-----------|------------------------------|------------------------|------------|---|----------------------|-----------------|
| G450      | portable, multi gas detector | BVS 06 ATEX E 017 X N4 | 30/11/2009 | methane, propane, n-hexane                    | catalytic combustion | 0 - 100 % LEL   |
| G460      | portable, multi gas detector | BVS 06 ATEX E 017 X N4 | 30/11/2009 | methane, propane, n-hexane                    | catalytic combustion | 0 - 100 % LEL   |
|           |                              |                        |            | Propane                                       | infrared absorption  | 0 - 100 % LEL   |
|           |                              |                        |            | n-nonane                                      | infrared absorption  | 0 - 60 % LEL    |
| G460      | portable, multi gas detector | BVS 06 ATEX E 017 X N7 | 03/08/2012 | Methane (mining)                              | catalytic combustion | 0 - 5 % (v/v)   |
| GMA200    | fixed, control unit          | BVS 19 ATEX G 001 X    | 13/05/2019 | flammable gases according to used transmitter |                      |                 |
| GMA200    | fixed, control unit          | BVS 19 ATEX G 001 X    | 13/05/2019 | oxygen according to used transmitter          |                      |                 |
| GMA200    | fixed, control unit          | BVS 19 ATEX G 001 X N1 | 28/04/2021 | see BVS 19 ATEX G 001 X                       |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Hermann Sewerin GmbH, 33334 Gütersloh, Germany**

| equipment                    | type                         | certificate            | date       | gases/vapours              | measuring principle  | measuring range |
|------------------------------|------------------------------|------------------------|------------|----------------------------|----------------------|-----------------|
| EX-TEC Combi                 | portable, multi gas detector | DMT 01 ATEX G 002      | 15/01/2002 | methane                    | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC Combi                 | portable, multi gas detector | DMT 01 ATEX G 002 N1   | 01/09/2003 | methane, propane           | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC HS 650, EX-TEC HS 680 | portable, multi gas detector | BVS 09 ATEX G 001 X    | 09/02/2009 | methane, propane           | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC HS 650, EX-TEC HS 680 | portable, multi gas detector | BVS 09 ATEX G 001 X N1 | 15/10/2010 | see BVS 09 ATEX G 001 X    | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC HS 650, EX-TEC HS 680 | portable, multi gas detector | BVS 09 ATEX G 001 X N4 | 15/04/2013 | see BVS 09 ATEX G 001 X    | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC HS 650, EX-TEC HS 680 | portable, multi gas detector | BVS 09 ATEX G 001 X N5 | 19/04/2016 | see BVS 09 ATEX G 001 X    | infrared absorption  | 0 - 100 % LEL   |
| Multitec 520                 | portable, multi gas detector | BVS 09 ATEX G 001 X    | 09/02/2009 | methane, propane, n-nonane | infrared absorption  | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)**

| equipment                        | type                         | certificate            | date       | gases/vapours              | measuring principle  | measuring range |
|----------------------------------|------------------------------|------------------------|------------|----------------------------|----------------------|-----------------|
| Multitec 520                     | portable, multi gas detector | BVS 09 ATEX G 001 X N1 | 15/10/2010 | see BVS 09 ATEX G 001 X    | infrared absorption  | 0 - 100 % LEL   |
| Multitec 520                     | portable, multi gas detector | BVS 09 ATEX G 001 X N4 | 15/04/2013 | see BVS 09 ATEX G 001 X    | infrared absorption  | 0 - 100 % LEL   |
| Multitec 520                     | portable, multi gas detector | BVS 09 ATEX G 001 X N5 | 19/04/2016 | see BVS 09 ATEX G 001 X    | infrared absorption  | 0 - 100 % LEL   |
| Variotec 450 Ex, Variotec 480 Ex | portable, multi gas detector | BVS 09 ATEX G 001 X N1 | 15/10/2010 | methane, propane           | catalytic combustion | 0 - 100 % LEL   |
| Variotec 450 Ex, Variotec 480 Ex | portable, multi gas detector | BVS 09 ATEX G 001 X N5 | 19/04/2016 | see BVS 09 ATEX G 001 X N1 | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC GA 650, EX-TEC GA 680     | portable, multi gas detector | BVS 09 ATEX G 001 X N2 | 29/07/2011 | methane, propane           | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC GA 650, EX-TEC GA 680     | portable, multi gas detector | BVS 09 ATEX G 001 X N4 | 15/04/2013 | see BVS 09 ATEX G 001 X N2 | infrared absorption  | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)**

| equipment                       | type                               | certificate               | date       | gases/vapours                 | measuring principle  | measuring range |
|---------------------------------|------------------------------------|---------------------------|------------|-------------------------------|----------------------|-----------------|
| EX-TEC GA 650,<br>EX-TEC GA 680 | portable,<br>multi gas<br>detector | BVS 09 ATEX<br>G 001 X N5 | 19/04/2016 | see<br>BVS 09 ATEX G 001 X N2 | infrared absorption  | 0 - 100 % LEL   |
| Multitec 560                    | portable,<br>multi gas<br>detector | BVS 09 ATEX<br>G 001 X N3 | 30/09/2011 | methane                       | infrared absorption  | 0 - 100 % LEL   |
| Multitec 560                    | portable,<br>multi gas<br>detector | BVS 09 ATEX<br>G 001 X N5 | 19/04/2016 | see<br>BVS 09 ATEX G 001 X N3 | infrared absorption  | 0 - 100 % LEL   |
| Multitec 410                    | portable,<br>multi gas<br>detector | BVS 09 ATEX<br>G 001 X N4 | 15/04/2013 | methane, propane,<br>n-nonane | catalytic combustion | 0 - 100 % LEL   |
| Multitec 410                    | portable,<br>multi gas<br>detector | BVS 09 ATEX<br>G 001 X N5 | 19/04/2016 | see<br>BVS 09 ATEX G 001 X N4 | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC PM 4                     | portable                           | BVS 09 ATEX<br>G 002 X    | 02/03/2009 | methane, propane              | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC PM 4                     | portable                           | BVS 09 ATEX<br>G 002 X N1 | 04/09/2009 | n-nonane                      | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)**

| equipment     | type     | certificate               | date       | gases/vapours                  | measuring principle  | measuring range |
|---------------|----------|---------------------------|------------|--------------------------------|----------------------|-----------------|
| EX-TEC PM 400 | portable | BVS 19 ATEX<br>G 002 X    | 06/12/2019 | methane, propane, n-<br>nonane | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC PM 500 | portable | BVS 19 ATEX<br>G 002 X    | 06/12/2019 | methane, propane               | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 550 | portable | BVS 19 ATEX<br>G 002 X    | 06/12/2019 | methane, propane               | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 580 | portable | BVS 19 ATEX<br>G 002 X    | 06/12/2019 | methane, propane               | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 400 | portable | BVS 19 ATEX<br>G 002 X N1 | 16/12/2020 | see<br>BVS 19 ATEX G 002 X     | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC PM 500 | portable | BVS 19 ATEX<br>G 002 X N1 | 16/12/2020 | see<br>BVS 19 ATEX G 002 X     | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 550 | portable | BVS 19 ATEX<br>G 002 X N1 | 16/12/2020 | see<br>BVS 19 ATEX G 002 X     | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 580 | portable | BVS 19 ATEX<br>G 002 X N1 | 16/12/2020 | see<br>BVS 19 ATEX G 002 X     | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 400 | portable | BVS 19 ATEX<br>G 002 X N2 | 26/11/2021 | see<br>BVS 19 ATEX G 002 X     | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC PM 500 | portable | BVS 19 ATEX<br>G 002 X N2 | 26/11/2021 | see<br>BVS 19 ATEX G 002 X     | infrared absorption  | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Hermann Sewerin GmbH, 33334 Gütersloh, Germany (continued)**

| equipment     | type     | certificate                | date       | gases/vapours              | measuring principle  | measuring range |
|---------------|----------|----------------------------|------------|----------------------------|----------------------|-----------------|
| EX-TEC PM 550 | portable | BVS 19 ATEX<br>G 002 X N2  | 26/11/2021 | see<br>BVS 19 ATEX G 002 X | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 580 | portable | BVS 19 ATEX<br>G 002 X N2  | 26/11/2021 | see<br>BVS 19 ATEX G 002 X | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 400 | portable | BVS 19 ATEX<br>G 002 X I01 | 15/05/2024 | see<br>BVS 19 ATEX G 002 X | catalytic combustion | 0 - 100 % LEL   |
| EX-TEC PM 500 | portable | BVS 19 ATEX<br>G 002 X I01 | 15/05/2024 | see<br>BVS 19 ATEX G 002 X | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 550 | portable | BVS 19 ATEX<br>G 002 X I01 | 15/05/2024 | see<br>BVS 19 ATEX G 002 X | infrared absorption  | 0 - 100 % LEL   |
| EX-TEC PM 580 | portable | BVS 19 ATEX<br>G 002 X I01 | 15/05/2024 | see<br>BVS 19 ATEX G 002 X | infrared absorption  | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England**

| equipment             | type                               | certificate               | date       | gases/vapours              | measuring principle  | measuring range |
|-----------------------|------------------------------------|---------------------------|------------|----------------------------|----------------------|-----------------|
| impact,<br>impact pro | portable,<br>multi gas<br>detector | DMT 02 ATEX<br>G 001      | 20/05/2003 | methane, propane           | catalytic combustion | 0 - 100 % LEL   |
| impact,<br>impact pro | portable,<br>multi gas<br>detector | DMT 02 ATEX<br>G 001 N1   | 09/12/2003 | see<br>DMT 02 ATEX G 001   | catalytic combustion | 0 - 100 % LEL   |
| impact,<br>impact pro | portable,<br>multi gas<br>detector | DMT 02 ATEX<br>G 001 N2   | 19/05/2004 | see<br>DMT 02 ATEX G 001   | catalytic combustion | 0 - 100 % LEL   |
| impact,<br>impact pro | portable,<br>multi gas<br>detector | DMT 02 ATEX<br>G 001 N3   | 11/11/2011 | see<br>DMT 02 ATEX G 001   | catalytic combustion | 0 - 100 % LEL   |
| APEX                  | fixed,<br>remote sensor            | BVS 03 ATEX<br>G 012 X    | 28/11/2003 | methane, propane           | catalytic combustion | 0 - 100 % LEL   |
| APEX                  | fixed,<br>remote sensor            | BVS 03 ATEX<br>G 012 X N1 | 11/05/2004 | see<br>BVS 03 ATEX G 012 X | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment                                   | type                                  | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|------------------------|------------|--|----------------------|-----------------|
| system 57 with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 04 ATEX G 001 X    | 13/08/2004 | hydrogen, propane, n-butane, ethylene, propylene, methane, butanone, 2-propanol, ethanol, methanol, ethyl acetate, 1,2-epoxy-propane, toluene, p-xylene, unleaded petrol | catalytic combustion | 0 - 100 % LEL   |
| system 57                                   | fixed, control unit                   | BVS 04 ATEX G 001 X    | 13/08/2004 | combustible gases according to used remote sensor  | not applicable       | 0 - 100 % LEL   |
|   |                                       |                        |            | combustible gases according to used remote sensor  | not applicable       | 0 - 100 %(v/v)  |
| system 57 with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 04 ATEX G 001 X N1 | 23/02/2010 | see BVS 04 ATEX G 001 X  | catalytic combustion | 0 - 100 % LEL   |
| system 57                                   | fixed, control unit                   | BVS 04 ATEX G 001 X N1 | 23/02/2010 | see BVS 04 ATEX G 001 X  | not applicable       |                 |
| system 57 with remote sensor sensepoint PPM | fixed, control unit and remote sensor | BVS 04 ATEX G 001 X N2 | 12/04/2012 | Methan, Ethen  | catalytic combustion | 0 - 10 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment               | type                 | certificate            | date       | gases/vapours   | measuring principle | measuring range |
|-------------------------|----------------------|------------------------|------------|---|---------------------|-----------------|
| Searchpoint Optima Plus | fixed, remote sensor | BVS 03 ATEX G 016 X    | 05/09/2006 | methane, propane, n-butane, propene, acetone, 1-butanol, n-butyl acetate, 2-butanone, cyclohexanone, ethanol, ethyl acetate, n-heptane, n-hexane, 2-propanol, methanol, toluene, o-xylene, Benzin 60/95, p-xylene, 1-methoxy-2-propanol, Benzin 80/110, dimethyl ether, 1-ethoxy-2-propanol, ethene | infrared absorption | 0 - 100 % LEL   |
|                         |                      |                        |            | propane   |                     | 0 - 5000 ppm    |
|                         |                      |                        |            | propane   |                     | 0 - 10000 ppm   |
| Optima Z                | fixed, remote sensor | BVS 03 ATEX G 016 X N1 | 24/03/2011 | ethanol, ethyl acetate, propane, ethylene, 2-propanol, 2-butanone, 1-butanol, acetone, n-hexane, 1-butyl acetate  | infrared absorption | 0 - 100 % LEL   |
|                         |                      |                        |            | toluene, mineral spirit 60/95, o-xylene   |                     | 0 - 70 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                 | certificate            | date       | gases/vapours           | measuring principle | measuring range |
|--|----------------------|------------------------|------------|-------------------------|---------------------|-----------------|
| Searchpoint Optima Plus                              | fixed, remote sensor | BVS 03 ATEX G 016 X N2 | 06/07/2011 | see BVS 03 ATEX G 016 X |                     |                 |
| Optima X   | fixed, remote sensor | BVS 03 ATEX G 016 X N3 | 13/09/2011 | Propan                  | infrared absorption | 0 - 100 % LEL   |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N4 | 03/08/2012 | see BVS 03 ATEX G 016 X |                     |                 |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N5 | 24/01/2013 | see BVS 03 ATEX G 016 X |                     |                 |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N6 | 28/10/2013 | see BVS 03 ATEX G 016 X |                     |                 |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N7 | 14/07/2014 | see BVS 03 ATEX G 016 X |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                 | certificate             | date       | gases/vapours                  | measuring principle | measuring range |
|--|----------------------|-------------------------|------------|--------------------------------|---------------------|-----------------|
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N8  | 19/11/2014 | see BVS 03 ATEX G 016 X        |                     |                 |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N9  | 05/03/2015 | 1,2-dichloroethane             | infrared absorption | 0 - 100 % LEL   |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N10 | 10/11/2015 | see BVS 03 ATEX G 016 X and N9 |                     |                 |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N11 | 29/07/2016 | see BVS 03 ATEX G 016 X and N9 |                     |                 |
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N12 | 21/09/2021 | see BVS 03 ATEX G 016 X and N9 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                 | certificate                  | date       | gases/vapours                  | measuring principle | measuring range |
|--|----------------------|------------------------------|------------|--------------------------------|---------------------|-----------------|
| Searchpoint Optima Plus with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X Issue 01 | 23/01/2025 | see BVS 03 ATEX G 016 X and N9 |                     |                 |
| Searchpoint Optima Z with optional HART interface    | fixed, remote sensor | BVS 03 ATEX G 016 X N4       | 03/08/2012 | see BVS 03 ATEX G 016 X N1     |                     |                 |
| Searchpoint Optima Z with optional HART interface    | fixed, remote sensor | BVS 03 ATEX G 016 X N5       | 24/01/2013 | see BVS 03 ATEX G 016 X N1     |                     |                 |
| Searchpoint Optima Z with optional HART interface    | fixed, remote sensor | BVS 03 ATEX G 016 X N6       | 28/10/2013 | see BVS 03 ATEX G 016 X N1     |                     |                 |
| Searchpoint Optima Z with optional HART interface    | fixed, remote sensor | BVS 03 ATEX G 016 X N7       | 14/07/2014 | see BVS 03 ATEX G 016 X N1     |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment   | type                 | certificate                  | date       | gases/vapours              | measuring principle | measuring range |
|---|----------------------|------------------------------|------------|----------------------------|---------------------|-----------------|
| Searchpoint Optima Z with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N8       | 19/11/2014 | see BVS 03 ATEX G 016 X N1 |                     |                 |
| Searchpoint Optima Z with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N10      | 10/11/2015 | see BVS 03 ATEX G 016 X N1 |                     |                 |
| Searchpoint Optima Z with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N11      | 29/07/2016 | see BVS 03 ATEX G 016 X N1 |                     |                 |
| Searchpoint Optima Z with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N12      | 21/09/2021 | see BVS 03 ATEX G 016 X N1 |                     |                 |
| Searchpoint Optima Z with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X Issue 01 | 23/01/2025 | see BVS 03 ATEX G 016 X N1 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment   | type                 | certificate             | date       | gases/vapours              | measuring principle | measuring range |
|---|----------------------|-------------------------|------------|----------------------------|---------------------|-----------------|
| Searchpoint Optima X with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N5  | 24/01/2013 | see BVS 03 ATEX G 016 X N3 |                     |                 |
| Searchpoint Optima X with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N6  | 28/10/2013 | see BVS 03 ATEX G 016 X N3 |                     |                 |
| Searchpoint Optima X with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N7  | 14/07/2014 | see BVS 03 ATEX G 016 X N3 |                     |                 |
| Searchpoint Optima X with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N8  | 19/11/2014 | see BVS 03 ATEX G 016 X N3 |                     |                 |
| Searchpoint Optima X with optional HART interface | fixed, remote sensor | BVS 03 ATEX G 016 X N10 | 10/11/2015 | see BVS 03 ATEX G 016 X N3 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment   | type                                  | certificate                  | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|------------------------------|------------|--|----------------------|-----------------|
| Searchpoint Optima X with optional HART interface | fixed, remote sensor                  | BVS 03 ATEX G 016 X N11      | 29/07/2016 | see BVS 03 ATEX G 016 X N3   |                      |                 |
| Searchpoint Optima X with optional HART interface | fixed, remote sensor                  | BVS 03 ATEX G 016 X N12      | 21/09/2021 | see BVS 03 ATEX G 016 X N3   |                      |                 |
| Searchpoint Optima X with optional HART interface | fixed, remote sensor                  | BVS 03 ATEX G 016 X Issue 01 | 23/01/2025 | see BVS 03 ATEX G 016 X N3   |                      |                 |
| Touchpoint Pro with remote sensor sensepoint      | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X          | 21/11/2016 | hydrogen, propane, n-butane, ethylene, propylene, methane, butanone, 2-propanol, ethanol, methanol, ethyl acetate, 1,2-epoxy-propane, toluene, p-xylene, unleaded petrol | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours                                  | measuring principle  | measuring range |
|--|---------------------------------------|------------------------|------------|--|----------------------|-----------------|
| Touchpoint Pro with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X    | 21/11/2016 | methane, propane, n-butane, n-nonane, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X    | 21/11/2016 | methane, ethylene                              | catalytic combustion | 0 - 10 % LEL    |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X    | 21/11/2016 | flammable gases according to used transmitter  |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X    | 21/11/2016 | oxygen according to used transmitter           |                      |                 |
| Touchpoint Pro with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N1 | 22/11/2019 | see BVS 16 ATEX G 002 X                        |                      |                 |
| Touchpoint Pro with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N1 | 22/11/2019 | see BVS 16 ATEX G 002 X                        |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours                                 | measuring principle  | measuring range |
|--|---------------------------------------|------------------------|------------|---|----------------------|-----------------|
| Touchpoint Pro with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N1 | 22/11/2019 | see BVS 16 ATEX G 002 X                       |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X N1 | 22/11/2019 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X N1 | 22/11/2019 | oxygen according to used transmitter          |                      |                 |
| Touchpoint Pro with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N2 | 01/12/2020 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N2 | 01/12/2020 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N2 | 01/12/2020 | methane, ethylene                             | catalytic combustion | 0 - 10 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours                                 | measuring principle  | measuring range |
|--|---------------------------------------|------------------------|------------|---|----------------------|-----------------|
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X N2 | 01/12/2020 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X N2 | 01/12/2020 | oxygen according to used transmitter          |                      |                 |
| Touchpoint Pro with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N3 | 08/02/2022 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N3 | 08/02/2022 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X N3 | 08/02/2022 | methane, ethylene                             | catalytic combustion | 0 - 10 % LEL    |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X N3 | 08/02/2022 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X N3 | 08/02/2022 | oxygen according to used transmitter          |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                                  | certificate             | date       | gases/vapours                                 | measuring principle  | measuring range |
|--|---------------------------------------|-------------------------|------------|---|----------------------|-----------------|
| Touchpoint Pro with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X I01 | 20/08/2024 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X I01 | 20/08/2024 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X I01 | 20/08/2024 | methane, ethylene                             | catalytic combustion | 0 - 10 % LEL    |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X I01 | 20/08/2024 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X I01 | 20/08/2024 | oxygen according to used transmitter          |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                                  | certificate             | date       | gases/vapours                                 | measuring principle  | measuring range |
|--|---------------------------------------|-------------------------|------------|---|----------------------|-----------------|
| Touchpoint Pro with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X I02 | 29/05/2026 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X I02 | 29/05/2026 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Pro with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 16 ATEX G 002 X I02 | 29/05/2026 | methane, ethylene                             | catalytic combustion | 0 - 10 % LEL    |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X I02 | 29/05/2026 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Pro                                   | fixed, control unit                   | BVS 16 ATEX G 002 X I02 | 29/05/2026 | oxygen according to used transmitter          |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours                                 | measuring principle  | measuring range |
|--|---------------------------------------|------------------------|------------|---|----------------------|-----------------|
| Touchpoint Plus 19" Rack with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 20 ATEX G 001 X    | 18/01/2021 | methane, ethylene                             | catalytic combustion | 0 - 10 % LEL    |
| Touchpoint Plus 19" Rack with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 20 ATEX G 001 X    | 18/01/2021 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus 19" Rack with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 20 ATEX G 001 X    | 18/01/2021 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus 19" Rack                                   | fixed, control unit                   | BVS 20 ATEX G 001 X    | 18/01/2021 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Plus 19" Rack with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 20 ATEX G 001 X N1 | 16/12/2022 | see BVS 20 ATEX G 001 X                       |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Ltd., Poole, Dorset BH17 0RZ, England (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours                                 | measuring principle | measuring range |
|---|---------------------------------------|------------------------|------------|---|---------------------|-----------------|
| Touchpoint Plus 19" Rack with remote sensor sensepoint    | fixed, control unit and remote sensor | BVS 20 ATEX G 001 X N1 | 16/12/2022 | see BVS 20 ATEX G 001 X                       |                     |                 |
| Touchpoint Plus 19" Rack with remote sensor sensepoint HT | fixed, control unit and remote sensor | BVS 20 ATEX G 001 X N1 | 16/12/2022 | see BVS 20 ATEX G 001 X                       |                     |                 |
| Touchpoint Plus 19" Rack                                  | fixed, control unit                   | BVS 20 ATEX G 001 X N1 | 16/12/2022 | flammable gases according to used transmitter |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



### Honeywell Analytics Inc., Lincolnshire, Illinois 60069, USA

| equipment                                    | type                 | certificate            | date       | gases/vapours                                  | measuring principle  | measuring range |
|--|----------------------|------------------------|------------|--|----------------------|-----------------|
| XNX (with sensor MPD AMCB1)                  | fixed, remote sensor | BVS 10 ATEX G 001 X    | 29/09/2011 | methane, propane, n-butane, n-nonane, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| XNX (with sensor Sensepoint HT)              | fixed, remote sensor | BVS 10 ATEX G 001 X    | 29/09/2011 | methane, propane, n-butane, n-nonane, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| XNX (with sensor Optima Plus)                | fixed, remote sensor | BVS 10 ATEX G 001 X    | 29/09/2011 | see BVS 03 ATEX G 016 X                        | infrared absorption  |                 |
| XNX (with sensor MPD AMCB1)                  | fixed, remote sensor | BVS 10 ATEX G 001 X N1 | 05/10/2017 | see BVS 10 ATEX G 001 X                        |                      |                 |
| XNX (with sensor Sensepoint HT)              | fixed, remote sensor | BVS 10 ATEX G 001 X N1 | 05/10/2017 | see BVS 10 ATEX G 001 X                        |                      |                 |
| XNX (with sensor Optima Plus)                | fixed, remote sensor | BVS 10 ATEX G 001 X N1 | 05/10/2017 | see BVS 10 ATEX G 001 X                        |                      |                 |
| XNX (with sensor Sensepoint combustible PPM) | fixed, remote sensor | BVS 10 ATEX G 001 X N1 | 05/10/2017 | methane, ethylene, n-butane, i-butylene        | catalytic combustion | 0 - 10 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Inc., Lincolnshire, Illinois 60069, USA (continued)**

| equipment                                    | type                 | certificate            | date       | gases/vapours              | measuring principle | measuring range |
|--|----------------------|------------------------|------------|----------------------------|---------------------|-----------------|
| XNX (with sensor MPD AMCB1)                  | fixed, remote sensor | BVS 10 ATEX G 001 X N2 | 27/09/2019 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Sensepoint HT)              | fixed, remote sensor | BVS 10 ATEX G 001 X N2 | 27/09/2019 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Optima Plus)                | fixed, remote sensor | BVS 10 ATEX G 001 X N2 | 27/09/2019 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Sensepoint combustible PPM) | fixed, remote sensor | BVS 10 ATEX G 001 X N2 | 27/09/2019 | see BVS 10 ATEX G 001 X N1 |                     |                 |
| XNX (with sensor MPD AMCB1)                  | fixed, remote sensor | BVS 10 ATEX G 001 X N3 | 13/12/2021 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Sensepoint HT)              | fixed, remote sensor | BVS 10 ATEX G 001 X N3 | 13/12/2021 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Optima Plus)                | fixed, remote sensor | BVS 10 ATEX G 001 X N3 | 13/12/2021 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Sensepoint combustible PPM) | fixed, remote sensor | BVS 10 ATEX G 001 X N3 | 13/12/2021 | see BVS 10 ATEX G 001 X N1 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Inc., Lincolnshire, Illinois 60069, USA (continued)**

| equipment                                    | type                 | certificate                 | date       | gases/vapours              | measuring principle | measuring range |
|--|----------------------|-----------------------------|------------|----------------------------|---------------------|-----------------|
| XNX (with sensor MPD AMCB1)                  | fixed, remote sensor | BVS 10 ATEX G 001 X Issue01 | 24/06/2025 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Sensepoint HT)              | fixed, remote sensor | BVS 10 ATEX G 001 X Issue01 | 24/06/2025 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Optima Plus)                | fixed, remote sensor | BVS 10 ATEX G 001 X Issue01 | 24/06/2025 | see BVS 10 ATEX G 001 X    |                     |                 |
| XNX (with sensor Sensepoint combustible PPM) | fixed, remote sensor | BVS 10 ATEX G 001 X Issue01 | 24/06/2025 | see BVS 10 ATEX G 001 X N1 |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Asia Pacific Co. Ltd., Seoul 03922, Korea**

| equipment   | type                                  | certificate            | Date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|------------------------|------------|--|----------------------|-----------------|
| Touchpoint Plus with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X    | 06/02/2019 | methane, ethylene  | catalytic combustion | 0 - 10 % LEL    |
| Touchpoint Plus with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X    | 06/02/2019 | hydrogen, propane, n-butane, ethylene, propylene, methane, butanone, 2-propanol, ethanol, methanol, ethyl acetate, 1,2-epoxy-propane, toluene, p-xylene, unleaded petrol | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X    | 06/02/2019 | methane, propane, n-butane, n-nonane, hydrogen   | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus                                   | fixed, control unit                   | BVS 17 ATEX G 001 X    | 06/02/2019 | flammable gases according to used transmitter  |                      |                 |
| Touchpoint Plus with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X N1 | 01/12/2020 | methane, ethylene  | catalytic combustion | 0 - 10 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Asia Pacific Co. Ltd., Seoul 03922, Korea (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours                                 | measuring principle  | measuring range |
|---|---------------------------------------|------------------------|------------|---|----------------------|-----------------|
| Touchpoint Plus with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X N1 | 01/12/2020 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X N1 | 01/12/2020 | methane, propane, hydrogen                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus                                   | fixed, control unit                   | BVS 17 ATEX G 001 X N1 | 01/12/2020 | flammable gases according to used transmitter |                      |                 |
| Touchpoint Plus with remote sensor sensepoint ppm | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X N2 | 16/12/2022 | see BVS 17 ATEX G 001 X N1                    |                      |                 |
| Touchpoint Plus with remote sensor sensepoint     | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X N2 | 16/12/2022 | see BVS 17 ATEX G 001 X N1                    | catalytic combustion | 0 - 100 % LEL   |
| Touchpoint Plus with remote sensor sensepoint HT  | fixed, control unit and remote sensor | BVS 17 ATEX G 001 X N2 | 16/12/2022 | see BVS 17 ATEX G 001 X N1                    | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Honeywell Analytics Asia Pacific Co. Ltd., Seoul 03922, Korea (continued)**

| equipment       | type                   | certificate               | date       | gases/vapours                                       | measuring principle | measuring range |
|-----------------|------------------------|---------------------------|------------|---|---------------------|-----------------|
| Touchpoint Plus | fixed,<br>control unit | BVS 17 ATEX<br>G 001 X N2 | 16/12/2022 | flammable gases<br>according to used<br>transmitter |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland**

| equipment                 | type                               | certificate               | date       | gases/vapours            | measuring principle              | measuring range |
|---------------------------|------------------------------------|---------------------------|------------|--------------------------|----------------------------------|-----------------|
| Ex-Trans S 100<br>ia      | fixed                              | DMT 99 ATEX<br>E 009      | 12/08/1999 | methane<br>(mining)      | catalytic combustion             | 0 - 3 %(v/v)    |
| Ex-Trans S 100<br>ia      | fixed                              | DMT 99 ATEX<br>E 009 N1   | 19/10/2006 | see<br>DMT 99 ATEX E 009 | catalytic combustion             | 0 - 3 %(v/v)    |
| Ex- (Ox-) Meter II<br>(P) | portable,<br>multi gas<br>detector | DMT 99 ATEX<br>G 001 X    | 17/12/1999 | methane                  | catalytic combustion             | 0 - 100 % LEL   |
|                           |                                    |                           |            |                          | thermal conductivity<br>(P only) | 0 - 100 %(v/v)  |
|                           |                                    |                           |            | propane                  | catalytic combustion             | 0 - 100 % LEL   |
|                           |                                    |                           |            |                          | thermal conductivity<br>(P only) | 0 - 100 %(v/v)  |
|                           |                                    |                           |            | n-nonane                 | catalytic combustion             | 0 - 100 % LEL   |
|                           |                                    |                           |            | jet fuel                 | catalytic combustion             | 0 - 50 % LEL    |
| Ex-Meter II (P)<br>mining | portable                           | DMT 99 ATEX<br>G 001 X N1 | 18/12/2001 | methane                  | catalytic combustion             | 0 - 5 %(v/v)    |
|                           |                                    |                           |            |                          | thermal conductivity<br>(P only) | 0 - 100 %(v/v)  |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type  | certificate               | date       | gases/vapours   | measuring principle              | measuring range               |
|--|---|---------------------------|------------|---|----------------------------------|-------------------------------|
| Ex-Meter II (P)<br>mining  | portable                                    | DMT 99 ATEX<br>G 001 X N2 | 26/06/2003 | methane   | catalytic combustion             | 0 - 5 %(v/v)                  |
|  |   |                           |            |   | thermal conductivity<br>(P only) | 0 - 100 %(v/v)                |
| Ex- (Ox-) Meter II<br>(P) (mining)                               | portable                                    | DMT 99 ATEX<br>G 001 X N3 | 11/02/2008 | see<br>DMT 99 ATEX G 001 X<br>and N1  |                                  |                               |
| Ex-Alarm ED 090<br>SMD with remote<br>sensor D-7010 or<br>D-7100 | fixed,<br>control unit and<br>remote sensor | DMT 01 ATEX<br>G 001 X    | 27/11/2001 | methane, propane, ethylene,<br>propene, hydrogen, n-butane,<br>ethanol, n-hexane, toluene,<br>2-propanol, ethyl acetate, i-<br>butyl acetate, special boiling<br>point spirit 65/95, n-nonane | catalytic combustion             | 0 - 10 % LEL<br>0 - 100 % LEL |
|  |   |                           |            | xylene (isomer mixture)   | catalytic combustion             | 0 - 20 % LEL<br>0 - 100 % LEL |
| Ex-Alarm ED 090<br>SMD with remote<br>sensor<br>series 47 K-ST   | fixed,<br>control unit and<br>remote sensor | DMT 01 ATEX<br>G 001 X N1 | 30/09/2004 | methane, propane  | catalytic combustion             | 0 - 100 % LEL                 |
| Ex-Alarm ED 090<br>SMD with remote<br>sensor series 47<br>K-PRP  | fixed,<br>control unit and<br>remote sensor | DMT 01 ATEX<br>G 001 X N2 | 08/11/2004 | methane   | catalytic combustion             | 0 - 100 % LEL                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours   | measuring principle  | measuring range |
|---|---------------------------------------|------------------------|------------|---|----------------------|-----------------|
| Ex-Alarm ED 090 SMD                                   | fixed, control unit                   | DMT 01 ATEX G 001 X N3 | 03/03/2006 | see DMT 01 ATEX G 001 X and N1, N2  | catalytic combustion | 0 - 100 % LEL   |
| Ex-Alarm ED 090 SMD with remote sensor series 47 K-ST | fixed, control unit and remote sensor | DMT 01 ATEX G 001 X N4 | 19/05/2006 | 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene, oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, l-butylene, l-butane, methanol, cyclohexane | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type                                  | certificate            | date       | gases/vapours   | measuring principle  | measuring range               |
|--|---------------------------------------|------------------------|------------|---|----------------------|-------------------------------|
| Ex-Alarm ED 090 SMD with remote sensor series 47 K-HT  | fixed, control unit and remote sensor | DMT 01 ATEX G 001 X N5 | 05/07/2006 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene  | catalytic combustion | 0 - 100 % LEL                 |
| Ex-Alarm ED 090 SMD with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | DMT 01 ATEX G 001 X N6 | 26/03/2007 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol  | catalytic combustion | 0 - 100 % LEL                 |
| Titan  | portable                              | DMT 01 ATEX E 054 X N1 | 05/12/2002 | methane, propane, hydrogen, n-pentane   | catalytic combustion | 0 - 100 % LEL                 |
| Titan  | portable                              | DMT 01 ATEX E 054 X N3 | 06/12/2007 | see DMT 03 ATEX E 054 X N1  |                      |                               |
| Suprema with remote sensor D-7010 or D-7100            | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X    | 16/05/2003 | methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane | catalytic combustion | 0 - 10 % LEL<br>0 - 100 % LEL |
|  |                                       |                        |            | xylene (isomer mixture)   | catalytic combustion | 0 - 20 % LEL<br>0 - 100 % LEL |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type  | certificate               | date       | gases/vapours   | measuring principle  | measuring range |
|---|---|---------------------------|------------|---|----------------------|-----------------|
| Suprema   | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X    | 16/05/2003 | combustible gases<br>according to used remote<br>sensor             | not applicable       | 0 - 10 % LEL    |
|   |   |                           |            | combustible gases<br>according to used remote<br>sensor             | not applicable       | 0 - 100 % LEL   |
|   |   |                           |            | combustible gases<br>according to used remote<br>sensor             | not applicable       | 0 - 100 %(v/v)  |
|   |   |                           |            | oxygen  | not applicable       | 0 - 25 %(v/v)   |
| Suprema with<br>remote sensors<br>D-715K, D-<br>7152K, D-7711K,<br>D-7711K-PR | fixed,<br>control unit and<br>remote sensor | DMT 03 ATEX<br>G 003 X N1 | 19/12/2003 | methane, ethane,<br>propane, toluene, ethanol,<br>acetone, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| Suprema   | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N2 | 09/08/2004 | see<br>DMT 03 ATEX G 003 X<br>and N1                                |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

|  |                                       |                        |            |                                      |                      |               |
|--|---------------------------------------|------------------------|------------|--------------------------------------|----------------------|---------------|
| Suprema with remote sensor series 47 K-ST  | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N3 | 30/09/2004 | methane, propane                     | catalytic combustion | 0 - 100 % LEL |
| Suprema with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N4 | 08/11/2004 | methane                              | catalytic combustion | 0 - 100 % LEL |
| Suprema                                    | fixed, control unit                   | DMT 03 ATEX G 003 X N5 | 04/04/2005 | see DMT 03 ATEX G 003 X and N1 to N4 |                      |               |
| Suprema                                    | fixed, control unit                   | DMT 03 ATEX G 003 X N6 | 11/11/2005 | see DMT 03 ATEX G 003 X and N1 to N4 |                      |               |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment                                 | type                                  | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|------------------------|------------|--|----------------------|-----------------|
| Suprema with remote sensor series 47 K-ST | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N7 | 19/05/2006 | 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, l-butylene, l-butane, methanol, cyclohexane | catalytic combustion | 0 - 100 % LEL   |
| Suprema with remote sensor series 47 K-HT | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N8 | 05/07/2006 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene   | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type  | certificate                | date       | gases/vapours  | measuring principle  | measuring range |
|--|---|----------------------------|------------|--|----------------------|-----------------|
| Suprema  | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N9  | 22/12/2006 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4 and N7, N8  |                      |                 |
| Suprema with<br>remote sensor<br>series 47 K-PRP | fixed,<br>control unit and<br>remote sensor | DMT 03 ATEX<br>G 003 X N10 | 26/03/2007 | methane, propane, 2-<br>butanone, acetone,<br>ethanol, ethyl acetate,<br>special boiling point spirit<br>65/95, 1-propanol, 2-<br>propanol, propylene,<br>toluene, hydrogen, 1-<br>ethoxy-2-propanol | catalytic combustion | 0 - 100 % LEL   |
| Suprema  | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N11 | 25/10/2007 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4, N7, N8,<br>N10   |                      |                 |
| Suprema  | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N12 | 02/10/2008 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4, N7, N8,<br>N10   |                      |                 |
| Suprema  | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N13 | 19/02/2009 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4, N7, N8,<br>N10   |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type  | certificate                | date       | gases/vapours  | measuring principle  | measuring range |
|---|---|----------------------------|------------|--|----------------------|-----------------|
| Suprema   | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N14 | 02/11/2009 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4, N7, N8,<br>N10 |                      |                 |
| Suprema   | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N15 | 22/06/2011 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4, N7, N8,<br>N10 |                      |                 |
| Suprema   | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N16 | 14/12/2011 | see<br>DMT 03 ATEX G 003 X<br>and N1 to N4, N7, N8,<br>N10 |                      |                 |
| Suprema   | fixed,<br>control unit                      | DMT 03 ATEX<br>G 003 X N17 | 14/12/2011 | see<br>DMT 03 ATEX G 003 X<br>N3, N7, N8, N10              | catalytic combustion | 0 - 100 % LEL   |
| Suprema with<br>remote sensor<br>series 47 K-HT-<br>PRP | fixed,<br>control unit and<br>remote sensor | DMT 03 ATEX<br>G 003 X N18 | 13/03/2013 | methane  | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment                                  | type                                  | certificate             | date       | gases/vapours  | measuring principle  | measuring range |
|--|---------------------------------------|-------------------------|------------|--|----------------------|-----------------|
| Suprema                                    | fixed, control unit                   | DMT 03 ATEX G 003 X N19 | 24/10/2013 | see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10, N18   |                      |                 |
| Suprema                                    | fixed, control unit                   | DMT 03 ATEX G 003 X N20 | 17/03/2014 | see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10, N18   |                      |                 |
| Suprema with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N21 | 23/06/2014 | methane, propane, hydrogen   | catalytic combustion | 0 - 100 % LEL   |
| Suprema                                    | fixed, control unit                   | DMT 03 ATEX G 003 X N22 | 09/02/2015 | see DMT 03 ATEX G 003 X and N1 to N4, N7, N8, N10, N18, N21  |                      |                 |
| SUPREMA with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N23 | 19/04/2017 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment                                 | type                                  | certificate             | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|-------------------------|------------|--|----------------------|-----------------|
| SUPREMA with remote sensor series 47 K-HT | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N23 | 19/04/2017 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene   | catalytic combustion | 0 - 100 % LEL   |
| SUPREMA with remote sensor series 47 K-ST | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N23 | 19/04/2017 | methane, propane, 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, l-butylene, l-butane, methanol, cyclohexane | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type                                  | certificate             | date       | gases/vapours                                   | measuring principle  | measuring range |
|--|---------------------------------------|-------------------------|------------|---|----------------------|-----------------|
| SUPREMA with remote sensor series 47 K-HT-PRP                            | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N23 | 19/04/2017 | methane   | catalytic combustion | 0 - 100 % LEL   |
| SUPREMA  | fixed, control unit                   | DMT 03 ATEX G 003 X N23 | 19/04/2017 | combustible gases according to used transmitter |                      |                 |
| SUPREMA  | fixed, control unit                   | DMT 03 ATEX G 003 X N23 | 19/04/2017 | oxygen according to used transmitter            |                      |                 |
| SUPREMA with remote sensor series 47 K-ST, 47 K-PRP, 47 K-HT 47 K-HT-PRP | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N24 | 05/12/2017 | see DMT 03 ATEX G 003 X N23                     |                      |                 |
| SUPREMA  | fixed, control unit                   | DMT 03 ATEX G 003 X N24 | 05/12/2017 | see DMT 03 ATEX G 003 X N23                     |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type                                  | certificate             | date       | gases/vapours   | measuring principle  | measuring range |
|--|---------------------------------------|-------------------------|------------|---|----------------------|-----------------|
| SUPREMA with remote sensor series 47 K-ST, 47 K-PRP, 47 K-HT 47 K-HT-PRP | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N25 | 14/06/2018 | see DMT 03 ATEX G 003 X N23   |                      |                 |
| SUPREMA  | fixed, control unit                   | DMT 03 ATEX G 003 X N25 | 14/06/2018 | see DMT 03 ATEX G 003 X N23   |                      |                 |
| SUPREMA with remote sensor series 47 K-PRP                               | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X N26 | 27/09/2022 | methane, propane, acetone, FAM-Benzine 65/95, 2-butanone, ethanol, ethyl acetate, 1-Ethoxy-2-propanol, n-nonane, 1-Propanol, 2-Propanol, propene, toluene, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| SUPREMA  | fixed, control unit                   | DMT 03 ATEX G 003 X N26 | 27/09/2022 | combustible gases or oxygen according to used transmitter   |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type                                  | certificate                  | date       | gases/vapours   | measuring principle    | measuring range               |
|--|---------------------------------------|------------------------------|------------|---|------------------------|-------------------------------|
| SUPREMA with remote sensor series 47 K-HT-PRP        | fixed, control unit and remote sensor | DMT 03 ATEX G 003 X issue 01 | 23/05/2023 | methane, propane  | catalytic combustion   | 0 - 100 % LEL                 |
| DF-9500 O2   | fixed, remote sensor                  | DMT 01 ATEX E 152 X N2       | 24/11/2003 | oxygen  | electrochemical sensor | 0 - 10 %(v/v)                 |
| DF-9500 O2   | fixed, remote sensor                  | DMT 01 ATEX E 152 X N4       | 22/12/2006 | oxygen  | electrochemical sensor | 0 - 10 %(v/v)                 |
| DF-9500 O2   | fixed, remote sensor                  | DMT 01 ATEX E 152 X N5       | 22/12/2006 | oxygen  | electrochemical sensor | 0 - 10 %(v/v)                 |
| EX-TOX Alarm 290 with remote sensor D-7010 or D-7100 | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X          | 01/03/2004 | methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane | catalytic combustion   | 0 - 10 % LEL<br>0 - 100 % LEL |
|  |                                       |                              |            | xylene (isomer mixture)   | catalytic combustion   | 0 - 20 % LEL<br>0 - 100 % LEL |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours   | measuring principle  | measuring range              |
|---|---------------------------------------|------------------------|------------|---|----------------------|------------------------------|
| EX-TOX Alarm 290 with remote sensors D-715K, D-7152K, D-7711K, D-7711K-PR | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X    | 01/03/2004 | methane, ethane, propane, toluene, ethanol, acetone, hydrogen | catalytic combustion | 0 - 100 % LEL                |
| EX-TOX Alarm 290  | fixed, control unit                   | BVS 03 ATEX G 010 X    | 01/03/2004 | combustible gases according to used remote sensor             | not applicable       | 0 - 10 % LEL<br>0 - 20 % LEL |
|   |                                       |                        |            | combustible gases according to used remote sensor             | not applicable       | 0 - 100 % LEL                |
|   |                                       |                        |            | combustible gases according to used remote sensor             | not applicable       | 0 - 100 % (v/v)              |
|   |                                       |                        |            | oxygen  | not applicable       | 0 - 30 % (v/v)               |
| EX-TOX Alarm 290 with remote sensor series 47 K-ST                        | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X N1 | 30/09/2004 | methane, propane  | catalytic combustion | 0 - 100 % LEL                |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|------------------------|------------|--|----------------------|-----------------|
| EX-TOX Alarm 290 with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X N2 | 08/11/2004 | methane  | catalytic combustion | 0 - 100 % LEL   |
| EX-TOX Alarm 290                                    | fixed, control unit                   | BVS 03 ATEX G 010 X N3 | 03/03/2006 | see BVS 03 ATEX G 010 X and N1, N2   |                      |                 |
| EX-TOX Alarm 290 with remote sensor series 47 K-ST  | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X N4 | 19/05/2006 | 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, l-butylene, l-butane, methanol, cyclohexane | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate            | date       | gases/vapours   | measuring principle  | measuring range               |
|---|---------------------------------------|------------------------|------------|---|----------------------|-------------------------------|
| EX-TOX Alarm 290 with remote sensor series 47 K-HT  | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X N5 | 05/07/2006 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene  | catalytic combustion | 0 - 100 % LEL                 |
| EX-TOX Alarm 290 with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | BVS 03 ATEX G 010 X N6 | 26/03/2007 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol  | catalytic combustion | 0 - 100 % LEL                 |
| DF-7010, DF-7100                                    | fixed, remote sensor                  | DMT 99 ATEX E 023 X N3 | 09/06/2004 | methane, propane, ethylene, propene, hydrogen, n-butane, ethanol, n-hexane, toluene, 2-propanol, ethyl acetate, i-butyl acetate, special boiling point spirit 65/95, n-nonane | catalytic combustion | 0 - 10 % LEL<br>0 - 100 % LEL |
|   |                                       |                        |            | xylene (isomer mixture)   |                      | 0 - 20 % LEL<br>0 - 100 % LEL |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type                         | certificate            | date       | gases/vapours                         | measuring principle    | measuring range |
|------------|------------------------------|------------------------|------------|---------------------------------------|------------------------|-----------------|
| Orion Plus | portable, multi gas detector | BVS 03 ATEX E 270 X N1 | 13/08/2004 | methane, propane                      | catalytic combustion   | 0 - 100 % LEL   |
|            |                              |                        |            | oxygen                                | electrochemical sensor | 0 - 25 %(v/v)   |
| Orion Plus | portable, multi gas detector | BVS 03 ATEX E 270 X N4 | 10/08/2006 | methane, propane                      | catalytic combustion   | 0 - 100 % LEL   |
|            |                              |                        |            | propane, butane                       | infrared absorption    | 0 - 25 %(v/v)   |
|            |                              |                        |            | oxygen                                | electrochemical sensor | 0 - 25 %(v/v)   |
| Orion Plus | portable, multi gas detector | BVS 03 ATEX E 270 X N5 | 28/09/2006 | methane                               | infrared absorption    | 0 - 100 %(v/v)  |
| Orion Plus | portable, multi gas detector | BVS 03 ATEX E 270 X N6 | 09/03/2009 | see BVS 03 ATEX E 270 X N1, N4 and N5 |                        |                 |
| Orion Plus | portable, multi gas detector | BVS 03 ATEX E 270 X N7 | 30/09/2009 | methane, propane                      | catalytic combustion   | 0 - 100 % LEL   |
|            |                              |                        |            | propane, n-butane                     | infrared absorption    | 0 - 100 % LEL   |
|            |                              |                        |            | methane                               | infrared absorption    | 0 - 25 %(v/v)   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment | type                    | certificate               | date       | gases/vapours  | measuring principle       | measuring range                |
|-----------|-------------------------|---------------------------|------------|--|---------------------------|--------------------------------|
| PrimaX I  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N3 | 10/04/2012 | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |
| PrimaX P  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N3 | 10/04/2012 | methane, propane, 2-<br>butanone, acetone,<br>ethanol, ethyl acetate,<br>special boiling point spirit<br>65/95, 1-propanol, 2-<br>propanol, propylene,<br>toluene, hydrogen, 1-<br>ethoxy-2-propanol | catalytic combustion      | 0 - 100 % LEL                  |
|           |                         |                           |            | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |
| PrimaX P  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N4 | 25/09/2012 | see<br>BVS 10 ATEX E 009 X N3  |                           |                                |
| PrimaX I  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N5 | 25/03/2013 | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |
| PrimaX P  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N5 | 25/03/2013 | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment | type                    | certificate                | date       | gases/vapours  | measuring principle       | measuring range                |
|-----------|-------------------------|----------------------------|------------|--|---------------------------|--------------------------------|
| PrimaX I  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N8  | 31/01/2014 | see<br>BVS 10 ATEX E 009 X N3  |                           |                                |
| PrimaX P  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N8  | 31/01/2014 | methane, propane,<br>hydrogen  | catalytic combustion      | 0 - 100 % LEL                  |
|           |                         |                            |            | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |
| PrimaX I  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N10 | 21/12/2022 | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |
| PrimaX P  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X N10 | 21/12/2022 | methane, propane,<br>acetone, FAM-benzine<br>65/95, 2-butanone,<br>ethanol, ethyl acetate,<br>1-ethoxy-2-propanol,<br>n-nonane, 1-propanol,<br>2-propanol, propene,<br>toluene, hydrogen | catalytic combustion      | 0 - 100 % LEL                  |
|           |                         |                            |            | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment | type                    | certificate                        | date       | gases/vapours  | measuring principle       | measuring range                |
|-----------|-------------------------|------------------------------------|------------|--|---------------------------|--------------------------------|
| PrimaX I  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X<br>Issue 02 | 22/10/2025 | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |
| PrimaX P  | fixed,<br>remote sensor | BVS 10 ATEX<br>E 009 X<br>Issue 02 | 22/10/2025 | methane, propane,<br>acetone, FAM-benzine<br>65/95, 2-butanone,<br>ethanol, ethyl acetate,<br>1-ethoxy-2-propanol,<br>n-nonane, 1-propanol,<br>2-propanol, propene,<br>toluene, hydrogen | catalytic combustion      | 0 - 100 % LEL                  |
|           |                         |                                    |            | oxygen   | electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v) |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate         | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|---------------------|------------|--|----------------------|-----------------|
| 9010 SIL and 9020 SIL with remote sensor series 47 K-PRP    | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X | 07/11/2016 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, special boiling point spirit 65/95, 1-propanol, 2-propanol, propylene, toluene, hydrogen, 1-ethoxy-2-propanol | catalytic combustion | 0 - 100 % LEL   |
| 9010 SIL and 9020 SIL with remote sensor series 47 K-HT     | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X | 07/11/2016 | methane, propane, 2-butanone, acetone, ethanol, ethyl acetate, toluene   | catalytic combustion | 0 - 100 % LEL   |
| 9010 SIL and 9020 SIL with remote sensor series 47 K-HT-PRP | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X | 07/11/2016 | methane  | catalytic combustion | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate         | date       | gases/vapours  | measuring principle  | measuring range |
|---|---------------------------------------|---------------------|------------|--|----------------------|-----------------|
| 9010 SIL and 9020 SIL with remote sensor series 47 K-ST | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X | 07/11/2016 | methane, propane, 2-butanone, acetone, acetylene, ammonia, 1,3-butadiene, diethyl ether, acetic acid, acetic anhydride, ethane, ethanol, ethylene, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, hydrogen, xylene (mixed isomers), cyclopentane, allyl alcohol, l-butylene, l-butane, methanol, cyclohexane | catalytic combustion | 0 - 100 % LEL   |
| 9010 SIL and 9020 SIL with transmitters                 | fixed, control unit                   | BVS 16 ATEX G 001 X | 07/11/2016 | combustible gases or oxygen according to used transmitter  |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment  | type                                  | certificate                  | date       | gases/vapours   | measuring principle  | measuring range |
|--|---------------------------------------|------------------------------|------------|---|----------------------|-----------------|
| 9010 SIL and 9020 SIL with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X N1       | 22/06/2022 | methane, propane  | catalytic combustion | 0 - 100 % LEL   |
| 9010 SIL and 9020 SIL with transmitters                  | fixed, control unit                   | BVS 16 ATEX G 001 X N1       | 22/06/2022 | combustible gases or oxygen according to used transmitter   |                      |                 |
| 9010 SIL and 9020 SIL with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X N2       | 10/10/2022 | methane, propane, acetone, FAM-benzine 65/95, 2-butanone, ethanol, ethyl acetate, 1-ethoxy-2-propanol, n-nonane, 1-propanol, 2-propanol, propene, toluene, hydrogen | catalytic combustion | 0 - 100 % LEL   |
| 9010 SIL and 9020 SIL with transmitters                  | fixed, control unit                   | BVS 16 ATEX G 001 X N2       | 10/10/2022 | combustible gases or oxygen according to used transmitter   |                      |                 |
| 9010 SIL and 9020 SIL with remote sensor series 47 K-PRP | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X issue 01 | 25/05/2023 | see BVS 16 ATEX G 001 X N2  |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSA EUROPE GmbH, 8645 Jona, Switzerland (continued)**

| equipment   | type                                  | certificate                  | date       | gases/vapours   | measuring principle  | measuring range |
|---|---------------------------------------|------------------------------|------------|---|----------------------|-----------------|
| 9010 SIL and 9020 SIL with remote sensor series 47 K-HT-PRP | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X issue 01 | 25/05/2023 | methane, propane  | catalytic combustion | 0 - 100 % LEL   |
| 9010 SIL and 9020 SIL with transmitters                     | fixed, control unit                   | BVS 16 ATEX G 001 X issue 01 | 25/05/2023 | combustible gases or oxygen according to used transmitter |                      |                 |
| 9010 SIL and 9020 SIL with remote sensor series 47 K-PRP    | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X issue 02 | 14/11/2023 | see BVS 16 ATEX G 001 X N2                                |                      |                 |
| 9010 SIL and 9020 SIL with remote sensor series 47 K-HT-PRP | fixed, control unit and remote sensor | BVS 16 ATEX G 001 X issue 02 | 14/11/2023 | see BVS 16 ATEX G 001 X issue 01                          |                      |                 |
| 9010 SIL and 9020 SIL with transmitters                     | fixed, control unit                   | BVS 16 ATEX G 001 X issue 02 | 14/11/2023 | combustible gases or oxygen according to used transmitter |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA**

| equipment         | type                         | certificate            | date       | gases/vapours               | measuring principle    | measuring range |
|-------------------|------------------------------|------------------------|------------|-----------------------------|------------------------|-----------------|
| Orion             | portable, multi gas detector | DMT 01 ATEX E 001 X N3 | 28/02/2003 | propane                     | catalytic combustion   | 0 - 100 % LEL   |
|                   |                              |                        |            | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |
| Orion             | portable, multi gas detector | DMT 01 ATEX E 001 X N5 | 17/04/2003 | methane, n-pentane          | catalytic combustion   | 0 - 100 % LEL   |
|                   |                              |                        |            | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |
| Orion             | portable, multi gas detector | DMT 01 ATEX E 001 X N6 | 15/01/2004 | methane, propane, n-pentane | catalytic combustion   | 0 - 100 % LEL   |
|                   |                              |                        |            | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |
| Orion             | portable, multi gas detector | DMT 01 ATEX E 001 X N7 | 20/04/2004 | methane, propane, n-pentane | catalytic combustion   | 0 - 100 % LEL   |
|                   |                              |                        |            | oxygen                      | electrochemical sensor | 0 - 25 %(v/v)   |
| Orion             | portable, multi gas detector | DMT 01 ATEX E 001 N9   | 09/03/2009 | see DMT 01 ATEX E 001 N7    |                        |                 |
| Passport FiveStar | portable, multi gas detector | BVS 03 ATEX G 017      | 16/01/2004 | methane, propane, n-pentane | catalytic combustion   | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)**

| equipment | type                    | certificate               | date       | gases/vapours   | measuring principle       | measuring range |
|-----------|-------------------------|---------------------------|------------|---|---------------------------|-----------------|
| Ultima XE | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N3 | 23/11/2004 | methane, propane,<br>n-pentane  | catalytic combustion      | 0 - 100 % LEL   |
| Ultima XE | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N3 | 23/11/2004 | oxygen  | electrochemical<br>sensor | 0 - 10 %(v/v)   |
| Ultima XE | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N5 | 29/03/2005 | see<br>DMT 02 ATEX E 202 X N3   |                           |                 |
| Ultima XE | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N7 | 25/04/2006 | see<br>DMT 02 ATEX E 202 X N3   |                           |                 |
| Ultima XE | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N9 | 03/07/2006 | 2-butanone, acetone,<br>acetylene, 1,3-butadiene,<br>diethyl ether, ethane,<br>ethanol, ethylene, ethyl<br>acetate, ethylene oxide,<br>special boiling point spirit<br>65/95, n-butane, n-<br>hexane, n-pentane, 2-<br>propanol, propylene,<br>propylene oxide,<br>hydrogen, cyclopentane,<br>allyl alcohol, l-butylene, l-<br>butane, methanol,<br>cyclohexane | catalytic combustion      | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)**

| equipment  | type                    | certificate                | date       | gases/vapours                            | measuring principle       | measuring range |
|------------|-------------------------|----------------------------|------------|--|---------------------------|-----------------|
| Ultima XE  | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N10 | 03/07/2006 | oxygen                                   | electrochemical<br>sensor | 0 - 10 %(v/v)   |
| Ultima XE  | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N11 | 28/10/2008 | see<br>DMT 02 ATEX E 202 X N3<br>and N9  |                           |                 |
| Ultima XE  | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N12 | 02/05/2011 | see<br>DMT 02 ATEX E 202 X N3<br>and N9  |                           |                 |
| Ultima XE  | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N15 | 21/04/2015 | see<br>DMT 02 ATEX E 202 X N3<br>and N9  |                           |                 |
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N3  | 23/11/2004 | methane, propane,<br>ethylene, n-pentane | infrared absorption       | 0 - 100 % LEL   |
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N5  | 29/03/2005 | see<br>DMT 02 ATEX E 202 X N3            |                           |                 |
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N7  | 25/04/2006 | see<br>DMT 02 ATEX E 202 X N3            |                           |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)**

| equipment  | type                    | certificate                | date       | gases/vapours  | measuring principle | measuring range |
|------------|-------------------------|----------------------------|------------|--|---------------------|-----------------|
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N9  | 03/07/2006 | 2-butanone, acetone, 1,3-butadiene, diethyl ether, ethane, ethanol, ethyl acetate, ethylene oxide, special boiling point spirit 65/95, i-butyl acetate, n-butyl acetate, n-butane, n-hexane, n-nonane, n-pentane, 2-propanol, propylene, propylene oxide, toluene, xylene (mixed isomers), cyclopentane, allyl alcohol, l-butylene, l-butane, methanol | infrared absorption | 0 - 100 % LEL   |
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N11 | 28/10/2008 | see<br>DMT 02 ATEX E 202 X N3<br>and N9  |                     |                 |
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N12 | 02/05/2011 | see<br>DMT 02 ATEX E 202 X N3<br>and N9  |                     |                 |
| Ultima XIR | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N15 | 21/04/2015 | see<br>DMT 02 ATEX E 202 X N3<br>and N9  |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)**

| equipment | type                    | certificate                | date       | gases/vapours   | measuring principle | measuring range |
|-----------|-------------------------|----------------------------|------------|---|---------------------|-----------------|
| Ultima XI | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N6  | 25/04/2006 | methane, propane,<br>ethylene, n-pentane  | infrared absorption | 0 - 100 % LEL   |
| Ultima XI | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N9  | 03/07/2006 | 2-butanone, acetone, 1,3-<br>butadiene, diethyl ether,<br>ethane, ethanol, ethyl<br>acetate, ethylene oxide,<br>special boiling point spirit<br>65/95, i-butyl acetate, n-<br>butyl acetate, n-butane, n-<br>hexane, n-nonane, n-<br>pentane, 2-propanol,<br>propylene, propylene<br>oxide, toluene, xylene<br>(mixed isomers), cyclo-<br>pentane, allyl alcohol, l-<br>butylene, l-butane,<br>methanol | infrared absorption | 0 - 100 % LEL   |
| Ultima XI | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N11 | 28/10/2008 | see<br>DMT 02 ATEX E 202 X N6<br>and N9   |                     |                 |
| Ultima XI | fixed,<br>remote sensor | DMT 02 ATEX<br>E 202 X N12 | 02/05/2011 | see<br>DMT 02 ATEX E 202 X N6<br>and N9   |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Mine Safety Appliances Company, LLC, Pittsburgh, PA 15230-0427, USA (continued)**

| equipment | type                    | certificate               | date       | gases/vapours   | measuring principle | measuring range |
|-----------|-------------------------|---------------------------|------------|---|---------------------|-----------------|
| PrimaX IR | fixed,<br>remote sensor | BVS 10 ATEX<br>E 157 X N2 | 15/07/2013 | methane, propane  | infrared absorption | 0 - 100 % LEL   |
| PrimaX IR | fixed,<br>remote sensor | BVS 10 ATEX<br>E 157 X N3 | 27/01/2014 | ethane, n-butane, n-pentane, n-hexane, propylene, propylene oxide, acetone, cyclopentane, ethyl acetate | infrared absorption | 0 - 100 % LEL   |
|           |                         |                           |            | i-butane  |                     | 0 - 70 % LEL    |
|           |                         |                           |            | toluene   |                     | 0 - 50 % LEL    |
| PrimaX IR | fixed,<br>remote sensor | BVS 10 ATEX<br>E 157 X N5 | 19/04/2016 | see BVS 10 ATEX E 157 X N2 and N9   |                     |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**M&C TechGroup Germany GmbH, 40885 Ratingen, Germany**

| equipment            | type  | certificate            | date       | gases/vapours | measuring principle | measuring range                             |
|----------------------|-------|------------------------|------------|---------------|---------------------|---|
| PMA 30,<br>PMA 50 EX | fixed | BVS 18 ATEX<br>G 001 X | 18/12/2018 | oxygen        | paramagnetic        | 0 - 1 %,<br>0 - 3 %<br>0 - 10 %<br>0 - 25 % |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**MSR-Electronic GmbH, 94060 Pocking, Germany**

| equipment  | type                    | certificate                        | date       | gases/vapours  | measuring principle       | measuring range |
|------------|-------------------------|------------------------------------|------------|--|---------------------------|-----------------|
| PolyXeta 2 | fixed,<br>remote sensor | BVS 15 ATEX<br>E 129 X N3          | 06/09/2021 | methane, propane, n-<br>hexane, hydrogen, 2-<br>propanol | catalytic combustion      | 0 - 100 % LEL   |
|            |                         |                                    |            | oxygen   | electrochemical<br>sensor | 0 - 25 %(v/v)   |
| PolyXeta 2 | fixed,<br>remote sensor | BVS 15 ATEX<br>E 129 X<br>issue 01 | 06/02/2024 | see<br>BVS 15 ATEX E 129 X N3                            |                           |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Ntron Ltd., Navan, C15 VFO2, Ireland**

| equipment   | type                    | certificate                        | date       | gases/vapours                                    | measuring principle    | measuring range |
|---|-------------------------|------------------------------------|------------|--|------------------------|-----------------|
| FGD-50Z-1-...-...-...<br>with sensor head<br>FGD-50-...-...-...-... | fixed,<br>remote sensor | BVS 25 ATEX<br>E 033 X<br>issue 00 | 10/02/2026 | methane, propane, n-hexane, hydrogen, 2-propanol | catalytic combustion   | 0 - 100 % LEL   |
|   |                         |                                    |            | oxygen   | electrochemical sensor | 0 - 25 %(v/v)   |
| FGD-50Z-1-...-...-...<br>with sensor head<br>FGD-50-...-...-...-... | fixed,<br>remote sensor | BVS 25 ATEX<br>E 033 X<br>issue 00 | 25/03/2026 | methane, propane, n-hexane, hydrogen, 2-propanol | catalytic combustion   | 0 - 100 % LEL   |
|   |                         |                                    |            | oxygen   | electrochemical sensor | 0 - 25 %(v/v)   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Oldham S.A.S., Arras, BP417, France**

| equipment | type                   | certificate               | date       | gases/vapours  | measuring principle | measuring range |
|-----------|------------------------|---------------------------|------------|--|---------------------|-----------------|
| MX 62     | fixed,<br>control unit | BVS 07 ATEX<br>G 001 X    | 08/04/2008 | combustible gases and<br>oxygen according to used<br>remote sensor | not applicable      |                 |
| MX 62     | fixed,<br>control unit | BVS 07 ATEX<br>G 001 X N1 | 26/02/2013 | see<br>BVS 07 ATEX G 001 X   | not applicable      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Oldham - Winter GmbH, 44319 Dortmund, Germany**

| equipment | type                   | certificate               | date       | gases/vapours   | measuring principle | measuring range |
|-----------|------------------------|---------------------------|------------|---|---------------------|-----------------|
| WinPro    | fixed,<br>control unit | BVS 03 ATEX<br>G 002 X    | 31/07/2003 | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 20 % LEL    |
|           |                        |                           |            | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 % LEL   |
|           |                        |                           |            | combustible gases<br>according to used remote<br>sensor | not applicable      | 0 - 100 %(v/v)  |
|           |                        |                           |            | oxygen  | not applicable      | 0 - 10 %(v/v)   |
| WinPro    | fixed,<br>control unit | BVS 03 ATEX<br>G 002 X N1 | 19/12/2005 | see<br>BVS 03 ATEX G 002 X                              | not applicable      |                 |
| WinPro    | fixed,<br>control unit | BVS 03 ATEX<br>G 002 X N2 | 24/08/2006 | see<br>BVS 03 ATEX G 002 X                              | not applicable      |                 |
| WinPro    | fixed,<br>control unit | BVS 03 ATEX<br>G 002 X N3 | 23/10/2007 | see<br>BVS 03 ATEX G 002 X                              | not applicable      |                 |
| WinPro    | fixed,<br>control unit | BVS 03 ATEX<br>G 002 X N4 | 24/02/2012 | see<br>BVS 03 ATEX G 002 X                              | not applicable      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Oldham - Winter GmbH, 44319 Dortmund, Germany (continued)**

| equipment | type                    | certificate          | date       | gases/vapours  | measuring principle  | measuring range |
|-----------|-------------------------|----------------------|------------|--|----------------------|-----------------|
| TBGW-Ex   | fixed,<br>remote sensor | BVS 03 ATEX<br>E 101 | 12/08/2003 | sensor type 1  | catalytic combustion |                 |
|           |                         |                      |            | methane, propane,<br>n-butane, n-hexane  |                      | 0 - 100 % LEL   |
|           |                         |                      |            | acetone, cyclohexane   |                      | 0 - 70 % LEL    |
|           |                         |                      |            | hydrogen   |                      | 0 - 50 % LEL    |
| TBGW-Ex   | fixed,<br>remote sensor | BVS 03 ATEX<br>E 101 | 12/08/2003 | sensor type 2  | catalytic combustion |                 |
|           |                         |                      |            | methane, propane,<br>acetone, acetylene,<br>n-butane, ethyl acetate, n-<br>hexane, toluene, hydrogen |                      | 0 - 100 % LEL   |
|           |                         |                      |            | 2-propanol, cyclohexane  |                      | 0 - 70 % LEL    |
|           |                         |                      |            | n- nonane  |                      | 0 - 60 % LEL    |
|           |                         |                      |            | diethyl ether  |                      | 0 - 50 % LEL    |
|           |                         |                      |            | ammonia  |                      | 0 - 20 % LEL    |
| TBGW-Ex   | fixed,<br>remote sensor | BVS 03 ATEX<br>E 101 | 12/08/2003 | sensor type 3  | catalytic combustion |                 |
|           |                         |                      |            | methane, propane,<br>n-butane, cyclohexane,<br>diethyl ether, n-hexane,<br>hydrogen                  |                      | 0 - 100 % LEL   |
|           |                         |                      |            | ethyl acetate, n-nonane  |                      | 0 - 30 % LEL    |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Oldham - Winter GmbH, 44319 Dortmund, Germany (continued)**

| equipment        | type                    | certificate               | date       | gases/vapours   | measuring principle  | measuring range |
|------------------|-------------------------|---------------------------|------------|---|----------------------|-----------------|
| TBGW-Ex          | fixed,<br>remote sensor | BVS 03 ATEX<br>E 101 N2   | 08/03/2010 | see<br>BVS 03 ATEX E 101<br>sensor types 1 and 2        | catalytic combustion |                 |
| WinGas (Digital) | fixed,<br>control unit  | BVS 05 ATEX<br>G 004 X    | 29/11/2005 | combustible gases<br>according to used remote<br>sensor | not applicable       | 0 - 100 % LEL   |
|                  |                         |                           |            | combustible gases<br>according to used remote<br>sensor | not applicable       | 0 - 100 %(v/v)  |
|                  |                         |                           |            | oxygen according to used<br>remote sensor               | not applicable       | 0 - 25 %(v/v)   |
| WinGas (Digital) | fixed,<br>control unit  | BVS 05 ATEX<br>G 004 X N1 | 27/01/2011 | see<br>BVS 05 ATEX G 004 X                              |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Riken Keiki Co., Ltd., Tokyo 174-8744, Japan**

| equipment | type                         | certificate             | date       | gases/vapours              | measuring principle  | measuring range |
|-----------|------------------------------|-------------------------|------------|----------------------------|----------------------|-----------------|
| GX-3R     | portable, multi gas detector | BVS 20 ATEX G 002 X     | 26/11/2021 | methane, propane, i-butane | catalytic combustion | 0 - 100 % LEL   |
| GX-3R Pro | portable, multi gas detector | BVS 20 ATEX G 002 X     | 26/11/2021 | methane, propane, i-butane | catalytic combustion | 0 - 100 % LEL   |
| GX-3R     | portable, multi gas detector | BVS 20 ATEX G 002 X N1  | 07/12/2022 | see BVS 20 ATEX G 002 X    |                      |                 |
| GX-3R Pro | portable, multi gas detector | BVS 20 ATEX G 002 X N1  | 07/12/2022 | see BVS 20 ATEX G 002 X    |                      |                 |
| GX-3R     | portable, multi gas detector | BVS 20 ATEX G 002 X I01 | 23/08/2024 | see BVS 20 ATEX G 002 X    |                      |                 |
| GX-3R Pro | portable, multi gas detector | BVS 20 ATEX G 002 X I01 | 23/08/2024 | see BVS 20 ATEX G 002 X    |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Riken Keiki Co., Ltd., Tokyo 174-8744, Japan (continued)**

| equipment | type                         | certificate                  | date       | gases/vapours                        | measuring principle   | measuring range   |
|-----------|------------------------------|------------------------------|------------|--------------------------------------|---|---|
| GX-Force  | portable, multi gas detector | BVS 23 ATEX G 001 X          | 21/02/2024 | methane, propane, i-butane           | catalytic combustion  | 0 - 100 % LEL   |
| GX-Force  | portable, multi gas detector | BVS 23 ATEX G 001 X Issue 01 | 22/08/2024 | methane, propane, i-butane           | catalytic combustion  | 0 - 100 % LEL   |
| GX-9000   | portable, multi gas detector | BVS 23 ATEX G 002 X          | 19/07/2024 | methane, propane, hydrogen, i-butane | catalytic combustion<br>infrared absorption<br>thermal conductivity | 0 - 100 % LEL<br>0 - 100 % LEL/<br>0 - 100 %(v/v)<br>0 - 100 %(v/v) |
| GX-9000 H | portable, multi gas detector | BVS 23 ATEX G 002 X          | 19/07/2024 | methane, propane, hydrogen, i-butane | catalytic combustion<br>infrared absorption<br>thermal conductivity | 0 - 100 % LEL<br>0 - 100 % LEL/<br>0 - 100 %(v/v)<br>0 - 100 %(v/v) |
| GX-9000   | portable, multi gas detector | BVS 23 ATEX G 002 X Issue01  | 27/10/2025 | see BVS 23 ATEX G002 X               |   |   |
| GX-9000 H | portable, multi gas detector | BVS 23 ATEX G 002 X Issue01  | 27/10/2025 | see BVS 23 ATEX G002 X               |   |   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Riken Keiki Co., Ltd., Tokyo 174-8744, Japan (continued)**

| equipment | type                         | certificate                  | date       | gases/vapours                    | measuring principle  | measuring range |
|-----------|------------------------------|------------------------------|------------|----------------------------------|----------------------|-----------------|
| GX-6100   | portable, multi gas detector | BVS 25 ATEX G 001 X Issue 00 | 28/05/2025 | methane, propane, i-butane       | catalytic combustion | 0 - 100 % LEL   |
| GX-6100   | portable, multi gas detector | BVS 25 ATEX G 001 X Issue 01 | 30/10/2025 | See BVS 25 ATEX G 001 X Issue 00 |                      |                 |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**SICK AG, 22399 Hamburg, Germany**

| equipment                        | type  | certificate               | date       | gases/vapours  | measuring principle | measuring range |
|----------------------------------|-------|---------------------------|------------|--|---------------------|-----------------|
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X    | 26/09/2005 | propane, acetone,<br>methanol, ethanol,<br>ethyl acetate           | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N1 | 08/03/2006 | see<br>BVS 05 ATEX G 005 X   | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N2 | 08/03/2006 | see<br>BVS 05 ATEX G 005 X   | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N3 | 27/09/2007 | see<br>BVS 05 ATEX G 005 X   | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N4 | 24/03/2011 | see<br>BVS 05 ATEX G 005 X   | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N5 | 30/01/2014 | propane, n-hexane,<br>acetone, methanol,<br>ethanol, ethyl acetate | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N6 | 17/10/2014 | Parafol 1014   | flame ionisation    | 0 - 100 % LEL   |
| EuroFID 3010<br>(inline version) | fixed | BVS 05 ATEX<br>G 005 X N8 | 27/11/2015 | see<br>BVS 05 ATEX G 005 X N5<br>and N6                            | flame ionisation    | 0 - 100 % LEL   |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**SICK AG, 22399 Hamburg, Germany (continued)**

| equipment                     | type  | certificate                | date       | gases/vapours   | measuring principle                          | measuring range                 |
|-------------------------------|-------|----------------------------|------------|---|--|---------------------------------|
| EuroFID 3010<br>Inline UEG    | fixed | BVS 05 ATEX<br>G 005 X N9  | 27/02/2018 | propane, n-hexane,<br>acetone, methanol,<br>ethanol, ethyl acetate,<br>Parafol 1014 | flame ionisation                             | 0 - 100 % LEL                   |
| EuroFID 3010<br>Extraktiv UEG | fixed | BVS 05 ATEX<br>G 005 X N9  | 27/02/2018 | propane, n-hexane,<br>acetone, methanol,<br>ethanol, ethyl acetate,<br>Parafol 1014 | flame ionisation                             | 0 - 100 % LEL                   |
| EuroFID 3010<br>Inline UEG    | fixed | BVS 05 ATEX<br>G 005 X N10 | 27/11/2018 | n-heptane   | flame ionisation                             | 0 - 100 % LEL                   |
| EuroFID 3010<br>Extraktiv UEG | fixed | BVS 05 ATEX<br>G 005 X N10 | 27/11/2018 | n-heptane   | flame ionisation                             | 0 - 100 % LEL                   |
| Sidor                         | fixed | BVS 06 ATEX<br>G 002 X     | 14/12/2006 | methane   | infrared absorption                          | 0 - 80 %(v/v)<br>0 - 100 %(v/v) |
|                               |       |                            |            | oxygen  | paramagnetic or<br>electrochemical<br>sensor | 0 - 10 %(v/v)                   |
| Sidor                         | fixed | BVS 06 ATEX<br>G 002 X N1  | 20/02/2008 | methane   | infrared absorption                          | 0 - 80 %(v/v)<br>0 - 100 %(v/v) |
|                               |       |                            |            | oxygen  | paramagnetic or<br>electrochemical<br>sensor | 0 - 10 %(v/v)<br>0 - 25 %(v/v)  |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Siemens AG, 76187 Karlsruhe, Germany**

| equipment               | type  | certificate               | date       | gases/vapours | measuring principle | measuring range  |
|-------------------------|-------|---------------------------|------------|---------------|---------------------|------------------|
| Oxymat 6E,<br>Oxymat 6F | fixed | BVS 03 ATEX<br>G 013 X    | 17/10/2003 | oxygen        | paramagnetic        | 0 - 2..21 %(v/v) |
| Oxymat 6F               | fixed | BVS 03 ATEX<br>G 013 X N1 | 17/10/2003 | oxygen        | paramagnetic        | 0 - 2..21 %(v/v) |
| Oxymat 6F               | fixed | BVS 03 ATEX<br>G 013 X N2 | 17/10/2003 | oxygen        | paramagnetic        | 0 - 2..21 %(v/v) |
| Oxymat 6F               | fixed | BVS 03 ATEX<br>G 013 X N3 | 17/10/2003 | oxygen        | paramagnetic        | 0 - 2..21 %(v/v) |

List of EC- or EU-type examination certificates for gas detection equipment with a measuring function for explosion protection, issued by DEKRA Testing and Certification GmbH, DEKRA EXAM GmbH, EXAM BBG Prüf- und Zertifizier GmbH or Deutsche Montan Technologie GmbH



**Wolke Industrieelektronik GmbH, 42551 Velbert, Germany**

| equipment                         | type  | certificate               | date       | gases/vapours                 | measuring principle  | measuring range |
|-----------------------------------|---|---------------------------|------------|-------------------------------|----------------------|-----------------|
| METHEX 100                        | fixed,<br>control unit and<br>remote sensor | DMT 03 ATEX<br>E 065 X N3 | 19/12/2005 | methane                       | thermal conductivity | 0 - 100 %(v/v)  |
| METHEX 100                        | fixed,<br>control unit and<br>remote sensor | DMT 03 ATEX<br>E 065 X N4 | 03/03/2006 | methane                       | thermal conductivity | 0 - 100 %(v/v)  |
| Methawo 5.100<br>(type HMG 01.03) | portable                                    | BVS 07 ATEX<br>E 153 X N1 | 17/07/2008 | methane                       | catalytic combustion | 0 - 100 % LEL   |
|                                   |   |                           |            |                               | thermal conductivity | 0 - 100 %(v/v)  |
| Methawo 5.100<br>(type HMG 01.03) | portable                                    | BVS 07 ATEX<br>E 153 X N2 | 14/11/2008 | see<br>BVS 07 ATEX E 153 X N1 |                      |                 |
| Methawo 5.100<br>(type HMG 01.03) | portable                                    | BVS 07 ATEX<br>E 153 X N3 | 01/06/2012 | see<br>BVS 07 ATEX E 153 X N1 |                      |                 |
| Methawo 5.100<br>(type HMG 01.03) | portable                                    | BVS 07 ATEX<br>E 153 X N4 | 28/01/2013 | see<br>BVS 07 ATEX E 153 X N1 |                      |                 |
| ANNOVEX<br>GMA 01.04.xxx          | fixed,<br>transmitter                       | DMT 03 ATEX<br>E 065 X N8 | 27/09/2017 | methane                       | infrared absorption  | 0 - 5 %(v/v)    |
| MONIMET<br>GMM 01.04.xxx          | fixed,<br>transmitter                       | DMT 03 ATEX<br>E 065 X N8 | 27/09/2017 | methane                       | infrared absorption  | 0 - 5 %(v/v)    |