



Management **System Training**

March 2024
Course Catalog

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Hold a Private Training and Save!

Available at Your Location or Virtually

Do you need to train five or more people? Get the best value by holding a private course with our experienced instructors for as low as \$403 per person for 3-Day Internal Auditor training and \$620 for 4-Day Lead Auditor training.

We can present any course we offer, and we can even customize the content to your industry.

Get a Quote Today!

Delivery Methods

Virtual



This is live, online training that combines our experienced instructors with the latest virtual learning methodologies to deliver an engaging, collaborative training experience from anywhere with an internet connection.

Public



This is live training held in cities across North America throughout the year and is open to the public. Our instructors share their knowledge and experience with you face-to-face, and you will take any required exams during the scheduled course.

On-Site



On-site courses are a practical and economical solution to training five or more people from your company. Our instructors can come to your location and present the course material exclusively to your employees, as well as proctor any exams.

Save More With Special Discounts!

Early Registration Discount

Register at least 30 days before the public course begins and enjoy these discounts off each seat:

Lead Auditor Courses	\$150 off
Internal Auditor Courses	\$100 off
All Other Courses	\$50 off

Multiple Registration Discount

Purchase multiple seats and save even more. Enjoy these discounts on top of the early registration discount:

Lead Auditor Courses (6+ attendees)	\$300 off
Lead Auditor Courses (2-5 attendees)	\$100 off
Internal Auditor Courses	\$100 off
All Other Courses	\$50 off

About Us

DEKRA Management Systems Training, provides training in support of organizational improvement and implementation of international management system standards. We successfully participated in the RAB pilot project for ISO 9001 Lead Auditor Training in 1993 and the ISO 14001 Lead Auditor Training in 1996. **No organization has been doing RABQSA/ Exemplar Global Certified Lead Auditor Training longer.**

Established in 1989, we have grown to offer a full range of innovative training services to industry, government, non-profit, and service in areas of Quality, Environment, Energy, Food Safety, Occupational Health and Safety, and Information Security. Our full time staff and regional technical experts are fully qualified to provide the support you need.

Our Qualifications

Our skill set includes trainers with technical expertise in:

- | | |
|----------------------------------|-----------------------|
| • Manufacturing | • Food |
| • Risk Management | • Government |
| • Automotive | • Aerospace |
| • Service | • Health Care |
| • Occupational Health and Safety | • Military |
| • Air Pollution | • HACCP |
| • Medical Device | • Agribusiness |
| • Resource Management | • Energy |
| • Pollution Prevention | • Business Continuity |
| • Emergency Preparedness | • Energy Management |

World
Class
Training

phone 1-800-633-2588 web dekra.us/training

DEKRA is an Exemplar Global/Probitas Authentication-certified course provider offering a full array of ISO 9001, ISO 13485, AS9100, AS9110, ISO 14001, FSSC 22000, ISO 27001 and ISO 45001 courses including:

- | | |
|-------------------------------|------------------------------|
| • ISO 9001 Foundations | • ISO 27001 Foundations |
| • ISO 9001 Internal Auditor | • ISO 27001 Internal Auditor |
| • ISO 9001 Lead Auditor | • ISO 27001 Lead Auditor |
| • ISO 13485 Foundations | • AS9100 Lead Auditor |
| • ISO 13485 Internal Auditor | • AS9100 Internal Auditor |
| • ISO 13485 Lead Auditor | • AS9110 Lead Auditor |
| • ISO 14001 Foundations | • AS9110 Internal Auditor |
| • ISO 14001 Internal Auditor | • Competency Unit QM |
| • ISO 14001 Lead Auditor | • Competency Unit EM |
| • ISO 45001 Foundations | • Competency Unit OH |
| • ISO 45001 Internal Auditor | • Competency Unit MD |
| • ISO 45001 Lead Auditor | • Competency Unit FS |
| • FSSC 22000 Foundations | • Competency Unit AU |
| • FSSC 22000 Internal Auditor | • Competency Unit TL |
| • FSSC 22000 Lead Auditor | |

All of our courses are available for presentation at your organization. Check out our website or call us for a public course schedule.

phone 1-800-633-2588 web dekra.us/training

Training

Our ISO 9001 based courses are available with specific content for: AS9100, AS9110, ISO 13485, ISO/IATF 16949, ISO 17025, Food, Government, Service, Health Care, Military, and Agribusiness. Our ISO 14001 and ISO 45001 based courses can be customized with examples specific to your unique needs.

DEKRA also offers a series of courses designed to support implementation including:

- Executive Overview
- ISO 9001, ISO 13485, IATF 16949, AS9100, AS9110, AS9120, ISO 22301, FSSC 22000, ISO 14001, ISO 50001, ISO 27001, & ISO 45001 Internal Auditor – 2 and 3 day courses available
- Documentation – 1 and 2 day courses available
- Implementation – 1, 2, and 3 day courses available
- Integrated Auditing – QMS/EMS/EnMS/OHSMS
- Risk Identification & Management



Quality Management



ISO 9001:2015 Certified Lead Auditor



4 Days (In-Person or Virtual) • 3.2 CTU's

Understand the requirements of ISO 9001:2015 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage and lead the audit process and complete reporting.

TPECS Competency units QM, AU, TL

\$1895 Virtual / \$2095 In-Person



Virtual	March 11-14
Dallas	April 8-11
Virtual	April 15-18
Philadelphia	May 6-9
Virtual	May 13-16
Minneapolis	June 3-6
Virtual	June 17-20

Chicago	July 15-18
Virtual	July 22-25
Seattle	August 5-8
Virtual	August 19-22
Manchester	September 9-12
Virtual	September 23-26

ISO 9001:2015 Certified Internal Auditor



3 Days (In-Person or Virtual)

• 2.4 CTU's

Understand the requirements of ISO 9001:2015 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn the internal audit process and complete reporting.

TPECS Competency units QM, AU

\$1345 Virtual / \$1445 In-Person



Quality Management

Virtual	March 11-13	Chicago	July 15-17
Dallas	April 8-10	Virtual	July 22-24
Virtual	April 15-17	Seattle	August 5-7
Philadelphia	May 6-8	Virtual	August 19-21
Virtual	May 13-15	Manchester	September 9-11
Minneapolis	June 3-5	Virtual	September 23-25
Virtual	June 17-19		

Quality Management

ISO 9001:2015 Certified Foundations



2 Days (In-Person or Virtual)

- 1.6 CTU's

Understand the requirements of the ISO 9001:2015 Quality Management System standard.

TPECS Competency unit QM

\$995 Virtual / \$1095 In-Person



Virtual	March 11-12
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Dallas April 8-9

Virtual	April 15-16
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Philadelphia May 6-7

Virtual	May 13-14
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Minneapolis June 3-4

Virtual	June 17-18
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Chicago	July 15-16
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Virtual July 22-23

Seattle	August 5-6
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Virtual August 19-20

Manchester	September 9-10
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Virtual September 23-24

ISO 9001:2015 Certified Lead Auditor with Auto Industry Focus (IATF 16949)



5 Days (Virtual Only)

Understand the requirements of ISO 9001:2015 and IATF 16949 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage and lead the audit process and complete reporting. Includes coverage of automotive core tools.

TPECS Competency units QM, AU, TL

\$2095 Virtual

Virtual	April 15-19
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Virtual June 17-21

Virtual	August 19-23
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Quality Management

ISO 9001:2015 Certified Internal Auditor with Auto Industry Focus (IATF 16949)



4 Days (Virtual Only)

Understand the requirements of ISO 9001:2015 and IATF 16949 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage the internal audit process and complete reporting. Includes coverage of automotive core tools.

TPECS Competency units QM, AU

\$1545 Virtual

Virtual	April 15-17 & 19
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Virtual June 17-19 & 21

Virtual	August 19-21 & 23
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Quality Management

AS9100 Rev. D Certified Lead Auditor



5 Days (In-Person or Virtual)

- 4.0 CTU's

Learn how to conduct and lead audits in the aerospace industry and assess compliance with AS9100. Conduct practical audit exercises tailored to the aerospace industry in order to apply these requirements and manage the audit process.

\$1995 Virtual / \$2195 In-Person

Virtual	March 18-22
Dallas	April 22-26
Virtual	May 20-24
Virtual	June 10-14
Virtual	July 8-12
Seattle	August 12-16
Virtual	September 16-20



AS9100 Rev. D Certified Internal Auditor



3 Days (In-Person or Virtual)

- 2.4 CTU's

Learn how to conduct internal audits in the aerospace industry and assess compliance with AS9100. Conduct practical audit exercises tailored to the aerospace industry in order to apply these requirements and manage the audit process.

\$1445 Virtual / \$1545 In-Person

Virtual	March 18-20
Dallas	April 22-24
Virtual	May 20-22
Virtual	June 10-12
Virtual	July 8-10
Seattle	August 12-14
Virtual	September 16-18



AS9110 Rev. C Certified Lead Auditor



5 Days (In-Person or Virtual)

- 4.0 CTU's

Learn how to conduct and lead audits in the aerospace industry and assess compliance with AS9110. Conduct practical audit exercises tailored to the aerospace industry in order to apply these requirements and manage the audit process.

Virtual / In-Person

This course is available for presentation at your facility or virtually for your staff.



Quality Management

AS9110 Rev. C Certified Internal Auditor



3 Days (In-Person or Virtual)

- 2.4 CTU's

Learn how to conduct internal audits in the aerospace industry and assess compliance with AS9110. Conduct practical audit exercises tailored to the aerospace industry in order to apply these requirements and manage the audit process.

Virtual / In-Person

This course is available for presentation at your facility or virtually for your staff.



Quality Management

ISO 13485:2016 Certified Lead Auditor



4 Days (In-Person or Virtual) • 3.2 CTU's

Understand the requirements of ISO 13485:2016 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage and lead the audit process and complete reporting. This course has been specifically designed to meet the needs of the Medical Device Industry.

TPECS Competency units MD, AU, TL

\$1995 Virtual / \$2195 In-Person



Virtual	March 25-28	Virtual	July 8-11
Virtual	April 22-25	Virtual	August 12-15
Philadelphia	May 20-23	Minneapolis	September 16-19
Virtual	June 3-6		

ISO 13485:2016 Certified Internal Auditor



3 Days (In-Person or Virtual) • 2.4 CTU's

Understand the requirements of ISO 13485:2016 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn the internal audit process and complete reporting. This course has been specifically designed to meet the needs of the Medical Device Industry.

TPECS Competency units MD, AU

\$1445 Virtual / \$1545 In-Person



Virtual	March 25-27	Virtual	July 8-10
Virtual	April 22-24	Virtual	August 12-14
Philadelphia	May 20-22	Minneapolis	September 16-18
Virtual	June 3-5		

Quality Management

ISO 13485:2016 Certified Foundations



2 Days (In-Person or Virtual) • 1.6 CTU's

Understand the requirements of the ISO 13485:2016 Quality Management System standard.

TPECS Competency unit MD

\$1095 Virtual / \$1195 In-Person



Virtual	March 25-26
Virtual	April 22-23
Philadelphia	May 20-21
Virtual	June 3-4
Virtual	July 8-9
Virtual	August 12-13
Minneapolis	September 16-17

ISO 14971 Overview



1 Day (In-Person or Virtual) • .8 CTU's

This course will provide an understanding of ISO 14971:2019 as well as its relationship to ISO 13485:2016 and TR 24971:2020.

This course is available for presentation at your facility or virtually for your staff.

Medical Device Directive to Medical Device Regulation Overview



1 Day (In-Person or Virtual) • .7 CTU's

This course will provide authoritative overview of topics for medical device manufacturers transitioning from their existing Medical Device Directive (MDD) to the new Medical Device Regulations (MDR) to place their devices into the E.U. market.

This course is available for presentation at your facility or virtually for your staff.

Environmental & Energy Management

ISO 14001:2015 Certified Lead Auditor



4 Days (In-Person or Virtual) • 3.2 CTU's

Understand the requirements of ISO 14001:2015 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage and lead the audit process and complete reporting.

TPECS Competency units EM, AU, TL

\$1895 Virtual / \$2095 In-Person



Virtual	March 11-14
Dallas	April 8-11
Virtual	April 15-18
Philadelphia	May 6-9
Virtual	May 13-16
Minneapolis	June 3-6
Virtual	June 17-20

Chicago	July 15-18
Virtual	July 22-25
Seattle	August 5-8
Virtual	August 19-22
Manchester	September 9-12
Virtual	September 23-26

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ISO 14001:2015 Certified Internal Auditor



3 Days (In-Person or Virtual)

• 2.4 CTU's

Understand the requirements of ISO 14001:2015 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn the internal audit process and complete reporting.

TPECS Competency units EM, AU

\$1345 Virtual / \$1445 In-Person



phone 1-800-633-2588 web dekra.us/training

Environmental Management

Virtual	March 11-13
Dallas	April 8-10
Virtual	April 15-17
Philadelphia	May 6-8
Virtual	May 13-15
Minneapolis	June 3-5
Virtual	June 17-19

Chicago	July 15-17
Virtual	July 22-24
Seattle	August 5-7
Virtual	August 19-21
Manchester	September 9-11
Virtual	September 23-25

Environmental Management

ISO 14001:2015 Certified Foundations



2 Days (In-Person or Virtual)

• 1.6 CTU's

Understand the requirements of the ISO 14001:2015 Environmental Management System standard.

TPECS Competency unit EM

\$995 Virtual / \$1095 In-Person



Virtual	March 11-12
Dallas	April 8-9
Virtual	April 15-16
Philadelphia	May 6-7
Virtual	May 13-14
Minneapolis	June 3-4
Virtual	June 17-18

Chicago	July 15-16
Virtual	July 22-23
Seattle	August 5-6
Virtual	August 19-20
Manchester	September 9-10
Virtual	September 23-24

Energy Management

ISO 50001:2018 Certified Lead Auditor



5 Days (Virtual) • 4.0 CTU's

This course is for those interested in learning more about ISO 50001, ISO 50001 internal first-party Auditors, ISO 50001 external second- and third-party Auditors, organizations undergoing a third-party audit to ISO 50001, and Energy Management System Management Reps.

RTP ISO 50001 Foundations Training
TPECS Competency units AU & TL

\$2095 Virtual

Virtual	March 25-29
Virtual	June 24-28



ISO 50001:2018 Certified Internal Auditor



4 Days (Virtual) • 3.0 CTU's

Learn how to interpret the ISO 50001 requirements, how to analyze Energy audit findings, the roles and responsibilities of Energy auditors, and how to plan and conduct effective Energy Management audits.

RTP ISO 50001 Foundations Training
TPECS Competency unit AU

\$1545 Virtual

Virtual	March 25-28
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Virtual	June 24-27
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ISO 50001:2018 Certified Foundations



3 Days (Virtual) • 2.4 CTU's

RTP ISO 50001 Foundations Training

\$1195 Virtual

Virtual	March 25-27
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Virtual	June 24-26
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Occupational Health & Safety

ISO 45001:2018 Certified Lead Auditor



4 Days (In-Person or Virtual) • 3.2 CTU's

Understand the requirements of ISO 45001:2018 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to lead manage the audit process and complete reporting.

TPECS Competency units OH, AU, TL

\$1895 Virtual / \$2095 In-Person



Virtual	March 11-14	Virtual	June 24-27
Atlanta	March 25-28	Chicago	July 22-25
Virtual	April 22-25	Virtual	August 12-15
Philadelphia	May 20-23	Minneapolis	September 16-19

Occupational Health & Safety

ISO 45001:2018 Certified Internal Auditor



3 Days (In-Person or Virtual) • 2.4 CTU's

Understand the requirements of ISO 45001:2018 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn the internal audit process and complete reporting.

TPECS Competency units OH, AU

\$1345 Virtual / \$1445 In-Person



Virtual	March 11-13	Virtual	June 24-26
Atlanta	March 25-27	Chicago	July 22-24
Virtual	April 22-24	Virtual	August 12-14
Philadelphia	May 20-22	Minneapolis	September 16-18

ISO 45001:2018 Certified Foundations



2 Days (In-Person or Virtual) • 1.6 CTU's

Understand the requirements of the ISO 45001:2018 Health and Safety Management System standard.

TPECS Competency unit OH

\$995 Virtual / \$1095 In-Person



Virtual	March 11-12	Virtual	June 24-25
Atlanta	March 25-26	Chicago	July 22-23
Virtual	April 22-23	Virtual	August 12-13
Philadelphia	May 20-21	Minneapolis	September 16-17

Food Safety Management



FSSC 22000 Certified Lead Auditor



5 Days (In-Person or Virtual) • 4.0 CTU's

This course is for those responsible for implementing or maintaining the FSSC 22000 food safety management system (ISO 22000 + ISO 22002 + ISO 22003), those responsible to help develop, implement, or maintain food safety plans (PRPs, OPRPs, and HACCP CCPs), and those who are Food Safety Managers, HACCP Team Members, Internal Audit Team Members, Auditors of Suppliers, Certified Body Auditors, Quality Assurance Managers, or anyone desiring an in-depth understanding of the FSSC 22000 food safety system certification requirements.

TPECS Competency units FS, AU, TL

\$2095 Virtual / \$2295 In-Person



Virtual March 18-22

Virtual May 20-24

Chicago July 22-26

Virtual September 16-20



FSSC 22000 Certified Internal Auditor



4 Days (In-Person or Virtual) • 3.2 CTU's

Understand the requirements of FSSC 22000 to be able to conduct a successful audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage the audit process and complete reporting.

TPECS Competency units FS, AU

\$1545 Virtual /
\$1645 In-Person



Virtual March 18-21

Virtual May 20-23

Chicago July 22-25

Virtual September 16-19

FSSC 22000 Certified Foundations



3 Days (In-Person or Virtual) • 2.0 CTU's

Understand the requirements of the FSSC 22000 Food Safety Management System standard.

TPECS Competency units FS

\$1195 Virtual / \$1295 In-Person

Virtual March 18-20

Virtual May 20-22

Chicago July 22-24

Virtual September 16-18

Information Security Management



ISO 27001:2022 Certified Lead Auditor



4 Days (Virtual) • 3.2 CTU's

This course is for those responsible for planning and scheduling an internal audit program for ISO 27001:2020 and those who must perform audits to ISO 27001:2020, Management Representatives, Security Consultants, IT Professionals, Information Security Officers, Managers, or anyone interested in conducting first-party, second-party, or third-party audits.



TPECS Competency units IS, AU, TL

\$2095 Virtual

Virtual April 22-25

Virtual July 22-25

Information Security

ISO 27001:2022 Certified Internal Auditor



3 Days (Virtual) • 2.4 CTU's

Understand the requirements of ISO 27001:2020 to be able to conduct a successful internal audit. The course includes hands-on workshops to prepare you for real-life auditing situations. You'll learn to manage the audit process and complete reporting.

TPECS Competency units IS, AU

\$1545 Virtual

Virtual	April 22-24
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Virtual July 22-24



ISO 27001:2022 Certified Foundations



2 Days (Virtual) • 1.6 CTU's

Understand the requirements of the ISO 27001:2020 Information Security Management System standard.

TPECS Competency unit IS

\$1195 Virtual

Virtual	April 22-23
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Virtual July 22-23



Testing and Calibration Laboratories

ISO 17025:2017 Certified Lead Auditor



4 Days (In-Person or Virtual) • 3.2 CTU's

This course is for those who want an in depth understanding of ISO 17025. Those who want to understand the audit process (ISO 19011), as well as how to prepare audit reports and presenting audit findings. You'll learn how to manage and lead an audit and manage an audit team.

RTP ISO 17025 Foundations Training
TPECS Competency units AU & TL

\$2095 Virtual

Virtual	March 25-28
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Virtual July 15-18



ISO 17025:2017 Certified Internal Auditor



3 Days (In-Person or Virtual) • 2.4 CTU's

This course is for those who want an in depth understanding of ISO 17025. Those who want to understand the audit process (ISO 19011), as well as how to prepare audit reports and presenting audit findings.

RTP ISO 17025 Foundations Training
TPECS Competency units AU

\$1545 Virtual

Virtual	March 25-27
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Virtual	July 15-17
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ISO 17025:2017 Certified Foundations



2 Days (In-Person or Virtual) • 1.6 CTU's

This course is for those who want an in depth understanding of ISO 17025 and for those responsible for implementing or maintaining and ISO 17025 management system.

RTP ISO 17025 Foundations Training

\$1195 Virtual

Virtual	March 25-26
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Virtual	July 15-16
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Auditing Skills

Documentation in ISO Standards



2 Days (In-Person or Virtual) • 1.6 CTU's

This course places documentation in its proper place as one of many tools used by organizations to assure results. People attending this course will understand and apply their newly acquired skills to determine when a traditional document is needed, alternatives to traditional documentation that may achieve better results, and how to configure documentation to meet the unique needs of the situation to be managed and the users.

This course is available for presentation at your facility or virtually for your staff.

Root Cause and Corrective Action



2 Days (In-Person or Virtual) • 1.6 CTU's

The purpose of this training is to explore the paths and tools available once a decision has been made to take action: either a correction to fix the problem or a corrective action to fix the cause(s) or root cause(s) of the problem.

This course is available for presentation at your facility or virtually for your staff.



EV Safety

High-Voltage Safety Training for Electric Vehicles



Safety Training for the Future of Mobility

Is your team prepared for the future of mobility? By 2030, electric vehicles are projected to account for 32% of the U.S. automotive market, growing to 45% by 2035. That growth means each member of your team needs to understand how to safely handle high-voltage systems and components. As a leader in safety, DEKRA offers comprehensive, flexible training for high-voltage automotive safety, with options to fit varied audiences, organizations, and learning styles.

Who should take High-Voltage Safety Training for Electric Vehicles?

Beyond technicians, this training is important for a wide range of roles. This includes managers, supervisors, office staff, and support personnel in service and collision repair facilities. Insurance customer-support representatives should also understand how to handle customer inquiries related to hybrid and electric vehicle (EV) accidents and malfunctions.

What industries need High-Voltage Safety Training for Electric Vehicles?

Automotive manufacturers, battery recyclers, EV battery technicians, EV device manufacturers and suppliers, and insurers can all benefit from high-voltage safety training. DEKRA training covers practical topics, such as:

- Identifying and locating high-voltage components
- How to work safely near high-voltage components
- How to determine whether a vehicle is de-energized
- De-energizing procedures
- Appropriate safety equipment and personal protective equipment
- First aid and emergency procedures

Charlotte	March 19-20
Santa Ana	May 21-22
Chicago	July 16-17



What options are available for High-Voltage Safety Training for Electric Vehicles?

High Voltage Safety e-Learning

- Online, on demand
- 60 competency modules
- Flexible subscription-based model
- Interactive format
- Available in English, Spanish, Italian, and German
- Access to a database of manufacturer information for all EVs

Digital learning options

Safety Fundamentals for Electric Vehicles

- 2-day, face-to-face, instructor-led course
- High-voltage safety training for EVs
- Features principles of electricity and safety illustrated with passenger vehicles

Class options

Private and Custom Classes

- Customized to meet your vehicles, specifications, or requirements
- Ability to combine in-person, virtual, and e-learning
- Designed and led by an automotive expert with extensive experience in high-voltage systems
- Based on the latest EV technology standards

Contact us to learn more

Process Safety Training



Combustible Dust Fundamentals (NFPA 652)



2 Days (4, Half Day Sessions, Virtual)

NFPA 652 is the “On Ramp” to combustible dust requirements contained in the various NFPA Codes. It contains mandatory requirements for the management of the fire, flash fire, and explosion hazards posed by combustible dusts. Although this standard provides some flexibility in approaches for ensuring the safety of the occupants, facility, processes and equipment, some of the requirements must be complied with retroactively. Successful completion of the class with the quiz results in receiving a Dust Hazard Analysis (DHA) Leader certificate.

\$895 Virtual / \$995 In-Person / Bundle: \$1195 (See page 28 for bundle options)

Flammable Liquids, Vapors and Gases



1 Day (2, Half Day Sessions, Virtual)

This course provides the knowledge and skills to identify, mitigate and protect against the hazards associated with flammable liquids, vapors and gases. The first day will encompass a detailed overview of the fundamentals of flammability, test methods and interpretation, electrostatic hazards and area classification, and relevant compliance standards, codes, and regulations. The second day will cover mitigation and protection strategies for handling, storing, and processing of flammable materials.

\$895 / Bundle: \$1195 (See page 28 for bundle options)

Virtual	April 15-16	Virtual	July 15-16	Virtual	September 16-17
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Process Safety Training

Hazardous Area Classification & Electrostatics Fundamentals

Offered as a bundle with Combustible Dust Fundamentals or Flammable Liquids, Vapors & Gas

This course will provide a systematic approach to identify, evaluate and control electrical ignition and electrostatic hazards. Attend this course to learn how to conduct an Electrical Classification study, learn how to evaluate ignition sources caused by mechanical equipment and electrostatic sources, and specify appropriate (electrical) equipment in the hazardous areas. The course covers aspects of NFPA 497 (Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas) and NFPA 499 (Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas).

\$1195 Virtual

Virtual	April 8-12	Combustible Dust Fundamentals + Hazard Area Fundamentals
Virtual	April 15-17	Flammable Liquids Vapors and Gases + Hazardous Area Fundamentals
Virtual	June 10-14	Combustible Dust Fundamentals + Hazard Area Fundamentals
Virtual	July 15-17	Flammable Liquids Vapors and Gases + Hazardous Area Fundamentals
Virtual	August 12-16	Combustible Dust Fundamentals + Hazard Area Fundamentals
Virtual	September 16-18	Flammable Liquids Vapors and Gases + Hazardous Area Fundamentals

Process Safety Management (PSM) Fundamentals

2 Days (4, Half Day Sessions, Virtual)

This course will identify and help you to understand the fundamental Process Safety Management (PSM), a subset of a Safety Management System (SMS) which relates principally to Major Hazards (Fire, Explosion, Runaway Reaction, Toxic Release) with adverse consequences on human, environment & business loss. The goal of a sound PSM program is to ensure that process facilities handling highly hazardous materials operate safely. This course provides an introduction into Process Safety Management which includes the history with case studies and regulatory guidance. It will provide a review of the two main PSM models: 14 elements outlined by US OSHA PSM and the 20-element approach of the Center for Chemical Process Safety (CCPS). Practical recommendations for how to implement process safety program elements will be discussed throughout the course.

\$895 Virtual

Virtual	May 20-23	Virtual	August 26-29
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Chemical Reaction Hazards

1 Day (2, 1/2 Day Sessions, Virtual)

Chemical reactions are used daily throughout the world to produce a variety of products. Under the right conditions, however, a reaction that has been conducted safely thousands of times can cause a catastrophic event due to unforeseen events or potential consequences. This course will teach you how to evaluate the risks of your chemical reactions to determine the worst-case consequences, design a safe scale-up process, and develop appropriate safeguards for each step in the scale-up process.

\$895 Virtual

Virtual	March 18-19	Virtual	July 22-23
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Process Safety Training

Emergency Relief Vent Sizing and Runaway Reactions

5 Days Virtual

This course is designed to cover the major aspects of safety relief systems sizing for single and multi-phase flow arising from loss of control of an exothermic chemical process. The course concentrates on the quantification and sizing of emergency vent systems for runaway reactions using experimental data derived from laboratory investigations. Emphasis is on the identification of the failure scenario and application of the appropriate calculation techniques required to arrive at correct system dimensions.

This course is available for presentation at your facility or virtually for your staff.