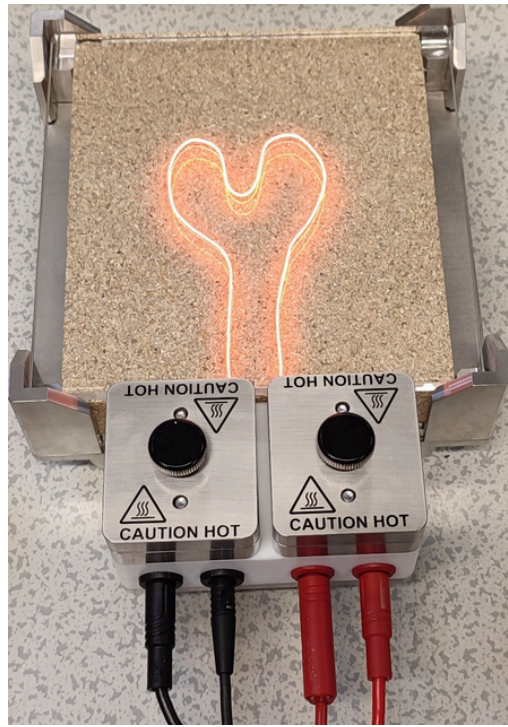


CTL 017 – Oxidising Solids Test Data Sheet



This apparatus is designed to test for the potential for a solid substance to increase the burning rate or burning intensity of a combustible substance when the two are thoroughly mixed. The test is to the UN Transport of Dangerous Goods Manual of tests and Criteria (Test O.1) and is used to establish whether a product is an oxidiser of division 5.1 or not and if so whether it falls into packing group I, II or III.



Oxidising Solids Test Apparatus

Benefits

- Tests to the United Nations Transport of Dangerous Goods Manual of tests and Criteria (Test O.1)
- Compact size
- Nickel Chromium wire easily changed
- Simple to use

Functional specification & deliverables



- 1 x 220-240 volt mains inlet/ 12 V DC output 150 w Hot coil power source
- 1 x Glass conical sample loading chamber (glass blown with 60° angle for optimal powder cone as per test standard requirements)
- 1 x insulated quartz plate
- 1 x Roll 100m NiCr wire (0.5 mm diameter) □ Easy plug in element supply and monitoring sockets
- 1 x Stop watch

Optional extras



- Spares include nickel chromium wire, quartz plates and glass sample loading chamber.
- Voltmeter (a standard dc voltmeter can be used to precisely set up the voltage across the element)



DEKRA Organisational & Process Safety

Contact

DEKRA Organisational and Process Safety are a behavioural change and process safety consultancy company. Working in collaboration with our clients, our approach is to assess the process safety and influence the safety culture with the aim of making a difference.

In terms of behavioural change, we deliver the skills, methods, and motivation to change leadership attitudes, behaviours, and decision-making among employees. Supporting our clients in creating a culture of care and measurable sustainable improvement of safety outcomes is our goal. The breadth and depth of expertise in process safety makes us globally recognised specialists and trusted advisors. We help our clients understand and evaluate their risks, and we work together to develop pragmatic solutions. Our value-adding and practical approach integrate specialist process safety management, engineering, and testing. We seek to educate and grow client competence in order to provide sustainable performance improvement. Partnering with our clients, we combine technical expertise with a passion for life preservation, harm reduction and asset protection.

We are a service unit of DEKRA SE, a global leader in safety since 1925 with over 48,000 employees in 60 countries and five continents. As a part of the world's leading expert organisation DEKRA, we are the global partner for a safe world.

We have offices throughout North America, Europe, and Asia.

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