

Safety Services

Offering expert services to support your plant safety management and compliance program



Based on decades of science and practice, our experience can help to determine the safety requirements and process controls needed to minimize the hazards associated with powder-handling and chemical manufacture.

Our technical know-how, manufacturing expertise, global network and highly qualified workforce are available to support your operational needs. With many manufacturing sites, research centers and numerous alliances around the world, our depth of experience and expertise is global and at your service.

- Consulting Services
- Compliance & Management Systems
- Powder Safety Testing
- Process Safety and Thermal Stability Testing
- Safety Training
- Accident Investigation
- Process Hazards Analysis

Intertek Expert Services can collaborate on improving your plant efficiency, cost-effectiveness and safety

Consulting Services & Management Systems

Intertek Expert Services offers on-site services to enhance the business performance of companies involved in the processing, manufacture and marketing of industrial products worldwide.

- Site auditing
- EH&S compliance assessments
- Management systems
- Technical consulting

Powder Safety Testing

Intertek Expert Services provides the necessary training, consulting and testing on all aspects of powder handling and processing operations. We provide full-service, world class, complete explosion and process safety testing based on the latest ASTM and ISO standards.

Our technology development and practical experience can help improve your operational safety, from pneumatic transfer to bulk bag discharge. Much of our laboratory equipment is custom designed by our professional staff. We also work within the industry to help develop methods and standards for explosivity measurement and ratings. Research in electrostatics and explosion technology is conducted by our experts in powder characterization.

- Minimum ignition energy (MIE)
- Dust explosivity (KSt and Pmax)
- Minimum auto-ignition temperature (MAIT) of dust clouds
- Burning test

Process Safety & Thermal Stability Testing

Safety is crucial to any processing operation. Our Safety Services provides process safety testing to define the characteristics of chemicals and their safe processing parameters.

- Kinetic and thermodynamic reaction data
- Thermal stability data
- Thermal stability indices and maximum rate data
- Flammability limits of gases and vapors
- Thermal Activity Monitor (TAM)

Powder Handling & Processing Operations

Our Safety Services include the necessary training, consulting and testing on all aspects of powder handling and processing operations.

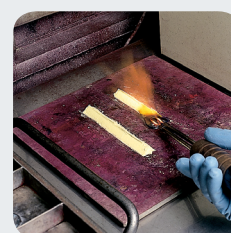
- Electrostatics and dust explosion hazards
- Process hazards / Risk assessment
- EHS management systems and operational guidelines
- Transportation of dangerous goods

Accident Investigation

Based on our practical and technical experience, we can work with you to determine the root cause of your incident and help develop preventative measures for the future.

Safety Training

We offer a wide range of safety training for chemists, engineers and operations personnel. From process safety to process hazards leadership training, let our experts guide your organization. Customized curricula are also available.



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