

INCIDENT INVESTIGATION AND ROOT CAUSE ANALYSIS

ABS Group is an experienced, trusted provider of comprehensive incident investigation and root cause analysis (RCA) services. We can manage your overall organizational response—leading the cause analysis effort, providing incident scene management, technical analyses and interfacing with regulatory and legal stakeholders.

Our safety, risk and compliance experts have written industry-leading guidelines, performed hundreds of investigations determining root causes and trained thousands of individuals from over 50 countries on how to handle incident investigations.

With decades of experience working in asset-intensive industries, we help asset owners and operators investigate incidents impacting process safety, personnel safety, the environment, production and company reputation.

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Following major incidents, clients trust ABS Group to provide investigation expertise, technical expertise and regulatory interface support. Our comprehensive incident investigation and response services range from root cause analysis, evidence management, modeling of blast, fire and structural properties, and laboratory analyses.

Incident Response Services

Effectively and efficiently improve performance while reducing the impact of an incident on your organization through our comprehensive incident response services:

- Evidence and Incident Scene Management – documentation and access control management; evidence identification, collection and storage
- RCA – analysis of data for cause; identification of causal factors, root causes, recommendations and report development
- Technical Analyses – fire/explosion analyses; structural analyses; human factors; equipment inspections; mechanical integrity; process safety compliance
- Documentation Management – manage investigation-related document library and respond to external group requests

RCA Training

We offer complete training solutions tailored to your organization's investigation and RCA needs. We train root cause analysts, front-line supervisors supporting investigations and managers performing reviews, along with providing online resources and program support services.

RCA Software Solutions

Through a partnership with EXP, we provide a web-based software system that identifies and records information immediately when an incident occurs and helps facilitate the complete incident life-cycle to closure. The software can be purchased as a stand-alone or integrated with EXP's compliance management suite.

Program Support Services

Whether improving an existing program or developing a new one, ABS Group can assist your organization through:

- Program development – develop or improve any or all aspects of investigation program
- Coaching services – Review ongoing investigations, provide detailed feedback to investigators for improvement.
- Software system improvements – we can provide guidance for changes to improve the overall effectiveness.

Investigation Support for Legal Professionals

ABS Group can assist attorneys, solicitors, and barristers acting as internal or external counsel for our customers through incident response and cause analysis services. We can also provide expert witness services related to process safety management, mechanical integrity, hazard analyses, management of change, training, and incident investigation.



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 **ABS Group**