A-P-T RESEARCH, INC.
an employee-owned company

EXPLOSIVES SAFETY

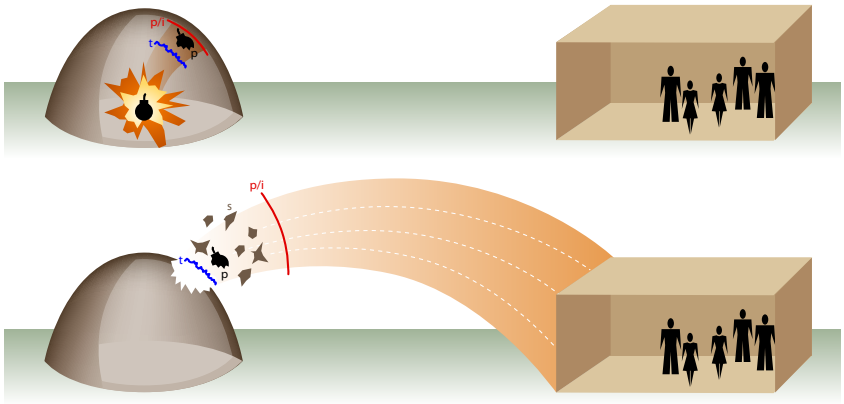
Training offered by A-P-T Research, Inc.

Designed primarily for individuals who develop, assemble, test, inspect, approve, transport, store or in some other way handle explosive items or material, this course is an overview of hazards inherent to explosives operations; associated safety precautions; and methods to analyze, test and obtain approval for explosives activities. The material in this course is derived from the following sources and any subsequent flow down regulations for the individual military services, NASA and the DOE:

- Department of Defense Explosive Safety Regulation 6055.09 (previously DoD 4145.26-M)
- Safety Standard for Explosives, Propellants, and Pyrotechnics NASA-STD-8719.12
- 49 CFR Parts 100-185
- MIL-STD-882E, Standard Practices, System Safety Processes
- DOE-STD-1212-YYYY, DOE Explosives Safety Standard

The subjects covered in this class include:

- Explosives Basics
- Hazardous Stimuli
- Basic Storage & Transport Principles
- Hazard Classification
- Quantity-Distance
- Explosive Item Recognition & Safety
- Personnel Protection
- Reaction Effects
- Insensitive Munitions
- Electrostatic Discharge Protection
- Lightning Protection
- Electromagnetic Radiation Protection
- Standing Operating Procedures for A&E Operations
- Quantitative Risk Assessment
- Explosives Models
- Explosives Testing



Course Duration and Format

The course is 3 days (~18 hours) with lecture, exercises, and quizzes. Attendees of this course will typically be awarded up to 1.8 Continuing Education Units (CEUs) upon completion of the course.

Where

The A-P-T Research, Inc. Safety Engineering and Analysis Center in Huntsville, AL, conveniently located in Cummings' Research Park near Redstone Arsenal, by webcast, or customer location as requested.

Schedule & Cost

Offered on a regular basis. Visit www.apt-research.com/training for specific dates and prices.

Contact Information

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256.327.3373
training@apt-research.com

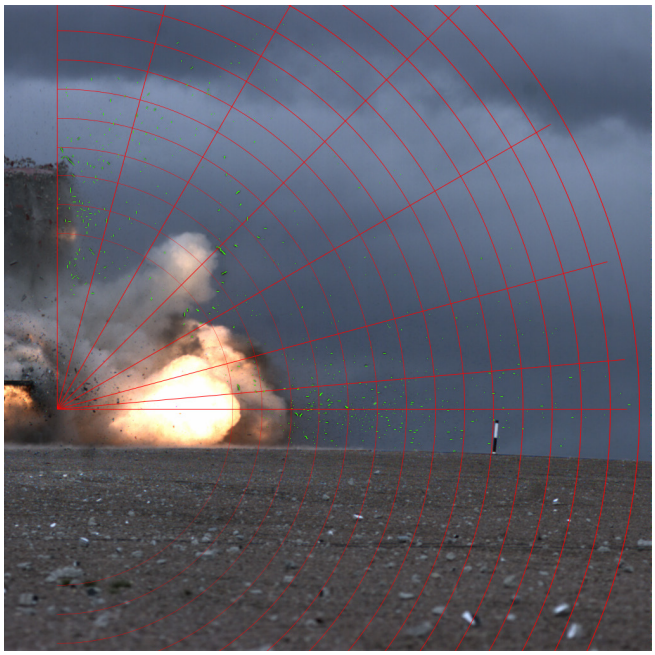
Other Courses Available

- System Safety Engineering
- Software System Safety Engineering
- Risk Management for Safety Engineers
- Reliability Engineering
- Radiation Safety Basics
- IMESAFR Software
- SAFER Software
- Desktop Explosives Safety Siting (ESS)
- Lightning Protection for ES Managers

For information on other training classes offered by APT, visit www.apt-research.com/training.

It is the policy of A-P-T Research, Inc. that those leading a learning event (instructors, guest lectures, etc.) disclose proprietary interest in any products, services, instruments, devices or materials discussed during a learning event. This includes any source of third-party compensation. Leaders of a learning event are required to disclose this information in the form of a verbal announcement at the beginning of the learning event.

Explosives Testing Data Analysis



Unexploded Ordnance (UXO)

Explosive Reactions

Explosives Testing

APT Point of Contact

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