

HOW TO USE THIOT INGENIERIE SINGLE-STAGE LIGHT-GAS GUN

FOR06

Total length of training: 16 hours

PREREQUISITES



Basic knowledge in mechanics

TARGET POPULATION



Engineers, technicians, PhD students working in an impact laboratory

KNOWLEDGE TESTING METHOD



Final MCQ to validate the acquired knowledge, attested to by a training completion certificate

Date to be defined according to your needs

TRAINING OBJECTIVES



- Operate a THIOT INGENIERIE single-stage gas gun in safety conditions
- Design an impact configuration: internal ballistics, target tooling, target instrumentation

COURSE CONTENT



- Presentation of launchers
- Examples of impact configuration
- Safety during launcher use
- Presentation of the various steps involved in designing a successful test
- Introduction to internal ballistics
- Sizing a sabot
- Tool sizing
- Choosing the right metrology
- Practical work in the laboratory:
 - Configuration of test equipment and associated measurements
 - Performing a test
- Test analysis and sizing validation
- Pitfalls to avoid
- Presentation of original configurations