BALLISTIC IMPACT ON METALLIC MATERIALS: TESTS AND NUMERICAL SIMULATION FOR₀₂

96.4% client satisfaction rate

In partnership with:



Industeel

Total length of training: 16 hours Start: Day 1 at 11:00 | End: Day 3 at 12:00



PREREQUISITES



TRAINING OBJECTIVES



· Learn special methods for modeling these phenomena in order to conduct appropriate numerical simulations



TARGET POPULATION

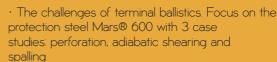


KNOWLEDGE TESTING METHOD

FORTHCOMING SESSIONS

From November 14 to 16, 2023 From November 19 to 21, 2024

COURSE CONTENT



- · Description of the specific tools: test equipment, metrology, software
- · Case 1: Perforation. Presentation of main mechanisms, suitable models. analysis of a test result, simulation. test/simulation correlation
- · Case 2: Adiabatic Shear Bands (ASB). Presentation of main mechanisms, suitable models and calibration process, analysis of a test result, simulation, test/simulation correlation
- · Case 3: Spalling. Presentation of main mechanisms, suitable models and calibration process, spalling tests and analysis of results, simulation, test/simulation correlation
- · Examples of case studies relative to other types of material

