

REDUCING OPERATOR RISK ON ELECTROPULS SYSTEMS

eLearning Course Outline

The eLearning Reducing Operator Risk on ElectroPuls Systems is an online based course that makes the operator of an ElectroPuls systems aware of the potential hazards and risks when using these systems. The course is split into five chapters, demonstrating the safe operation and highlighting hazards. The course can also be used for yearly operator audits on ElectroPuls systems for compliance to safe operation. The course concludes with a self-check quiz, and a certificate of completion will be awarded after successful completion on the course.

Objective

After completing this course, the participant will become aware of the basic hazards and risks when operating ElectroPuls systems.

Course Outline

Chapter 1: ElectroPuls System Overview (*Time: 1 minute 11 seconds*)

- What drives the ElectroPuls Actuator?
- What the system requires?

Chapter 2: Good House Keeping (*Time: 1 minute 35 seconds*)

- The ideal work area environment
- Working alone hazard
- Slip and trip hazards
- How to leave a ElectroPuls system

Chapter 3: Operator Hazards (*Time: 2 minute 45 seconds*)

- Personal Protective Equipment
- Selecting the correct jaw faces for the test
- Inserting and removing Specimens
- Handling specimens

Chapter 4: Test Frame Hazards (*Time: 2 minute 36 seconds*)

- Checking the frame is safe to use
- Correctly rated components
- Gripping the specimen
- Specimen failure

Chapter 5: Magnetic Field Exposure (*Time: 1 minute 0 seconds*)

- Magnetic Flux hazards

Who Should Attend?

- System Operators
- Lab managers
- Health and Safety Representatives