

Catenary – Fundamentals for team managers



TARGET AUDIENCE

Young executives - Electrical and Signaling Service.



GOALS

- Identify an electrical traction installation in 1500V direct or 25000V alternating
- Ensure the monitoring, programming and management of electric traction installations
- Organize maintenance interventions and work on electric traction installations Manage a degraded situation.



PREREQUISITES

None.



EDUCATIONAL MODALITIES

Presentation, exercises and field visit.



DURATION: 9 Days



PROGRAM

- Explain the different supply principles of a 1,500 and 25,000 volt electric traction installation
- Identify the assembly principle, the materials used and the different equipment
- Explain the rules for organizing maintenance
- Use the readings to assess the condition of the catenary (monitoring the wear of contact wires, readings, heights and offsets, catenary SLATE)
- Follow up on technical control
- Explain the programming of catenary works (periodic revisions, unwinding of the contact wire)
- Organize a catenary worksite: Periodic overhaul, CF wear record and Catenary VTE (consistency, means and procedures)
- Organize the procedures for modifying the installations (setting up temporary CR S11)
- Control work at height
- Control electrical risks
- Define the Catenary security measures to be implemented
- Organize work with specialized companies or not
- Implement the "C" consignment procedures
- Manage the control and monitoring of tools subject to periodic review
- Manage the incident, take temporary measures and define the security measures to be implemented.

• **Level 2 assessment:** Skills assessment acquired at the end of training ➔ **Yes**