

Module *HVCP* High Voltage Cable Pulling

High Voltage Cable Pulling
HVOP (28 h)



Aim: The aim of this module is to enable participants through theoretical and practical training, to be prepared to support the effective performance of High Voltage Cable Pulling operations. The goal of training is to increase the quality of HV cable pulling operations, while supporting and promoting safe working practices.

PROGRAM: HVCP High Voltage Cable Pulling

1. Introduction to the training
2. Awareness of basic HV cable theory
 - 2.1 Understanding what happens to a cable when it is pulled
 - 2.2 Different HV cable types, applications, specifications
 - 2.3 Cable construction from core to outer layer
 - 2.4 Awareness of basic electrical field theory
 - 2.5 Awareness of HV cable testing
3. Breakout inspections
 - 3.1 Breakout inspection key points
 - 3.2 Recognising a good and bad breakout
 - 3.3 Reporting any problems
4. Cable Inspection
 - 4.1 Inspecting the cable for damage during pulling operations
 - 4.2 How to evaluate damage or puncture holes in outer core
5. Safe working during HV cable pulling operations
 - 5.1 Safe work practices and effective team coordination
 - 5.2 Hazard awareness and mitigation
6. Preparation of HV cable and tools
 - 6.1 Preparation and protection of HV cable
 - 6.2 Preparation of equipment and tools
7. Handling the HV Cable
 - 7.1 Installation of cable socks
 - 7.2 HV cable handling and stress control
8. Conducting the Cable Pulling Operation
 - 8.1 How to pull a HV cable - methods and techniques
 - 8.2 Attention during cable pulling - do's and don'ts
9. Completing the Cable Pull
 - 9.1 Cable fastening
 - 9.2 Installation of the cable loop in tower and walk down and inspection
10. Training review

HVCP Module (High Voltage Cable Pulling)

Duration: 7h 25min (1 day)

HVCP Program : Sections 1 to 10

Maximum students: 12 people per Edition.

Prerequisites: Mechanical knowledge and awareness of safe lifting operations. Completed training equivalent to GWO BTT Mechanical.

Certificate validity: Enduring qualification if you actively perform this task; long gaps without practice may require retraining/recertification.

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