

RL Switchgear Maintenance (US-EMRLSM1A)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

4 Days
2.6 CEUs

Target Group

- Maintenance

Short Description

For personnel involved in installation, operation, maintenance or testing of Siemens Type RL low voltage switchgear.

Proper methods for installing the equipment to assure satisfactory service and typical operations such as racking, charging, closing and tripping are explained, as well as how to respond should the breaker trip. Typical maintenance and parts replacement are covered.

Objectives

- Identify Siemens Type RL Low Voltage switchgear and its components
- Perform maintenance checks on the various switchgear circuit breaker components
- Insert, rack, and life a breaker
- Set and communicator with the Static Tripp III Protective Device
- Interpret Time Current Curve
- Perform maintenance operations such as Rack-Out, Lock-Out, Tag-Out, cleaning, lubrication, resistance testing
- Close and trip coils
- Replace spring charging motor
- Replace closing springs
- Replace Static Trip III

Content

- Introduction to Type RL Low Voltage Switchgear
- Cubicle Structure and Components
- Circuit Breaker Components
- Cubicle and Circuit Breaker as a Unit
- Static Trip III Protective Device
- Maintenance
- Parts Replacement

Language

English

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