

SERVICE OF MV, LV TECHNOLOGIES

Training course CZ033

Operation and maintenance of ZS8.4



Goal:

The goal of the program is learning ZS8.4 switchgear operation, installation and maintenance best practice.

Participant profile

Service engineers, operation and maintenance personnel and external consultants are the target audience for this training.

Prerequisites and Recommendations

The course is set up for beginners in the ZS8.4 switchgear maintenance, operation and servicing, technicians as well as maintenance engineers. Students shall have a basic knowledge of electrical switchgears.

Learning Objectives

Upon completion students will be able to:

- operate ZS8.4, understand switchgear interlocks
- provide switchgear and circuit breaker maintenance

Modules

The course is composed of following modules:

O421 – ZS8.4 operation

O422 – ZS8.4 installation and maintenance

Course duration

1 day

ABB s.r.o.

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<http://new.abb.com/service/abb-university/czech-republic>

SERVICE OF MV, LV TECHNOLOGIES

Training module O421

ZS8.4 operation



Goal:

The course is aimed at learning ZS8.4 switchgear interlocks and basic operation of apparatus.

Participant profile

Service engineers, operation and maintenance personnel, ABB salesmen and external consultants are the target audience for this Training.

Prerequisites and Recommendations

The course is set up for beginners in the ZS8.4 switchgear maintenance, operation and servicing, technicians as well as maintenance engineers. Students shall have a basic knowledge of electrical switchgears.

Learning Objectives

Upon completion students will be able to:

- understand the standard interlocks in ZS8.4
- operate the switchgear, circuit breaker and earthing switch

Main Topics

The course contains following topics

- interlocks in ZS8.4
- locking facilities in ZS8.4
- operation of ZS8.4 with VD4 circuit breaker and CS/CK disconnectors
- practical exercise on panel sample

Module duration

1/2 day

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SERVICE OF MV, LV TECHNOLOGIES

Training module O422

ZS8.4 installation and maintenance



Goal:

The aim of the course is to learn installation prerequisites, installation techniques and basic maintenance for ZS8.4 switchgear.

Participant profile

Training participants are usually service engineers, installation and maintenance personnel of electrical installation or operation companies.

Prerequisites and Recommendations

The course is set up for engineers experienced in ZS8.4 switchgear operation. Students shall be able to operate the switchgear and apparatus.

Learning Objectives

Upon completion students will be able to:

- evaluate site conditions prior to switchgear installation
- supervise and lead switchgear installation on site
- do the basic maintenance for switchgear and apparatus

Main Topics

The course contains following topics

- installation pre-requisites
- recommended methods for switchgear erection
- power and control cable installation
- manufacturer recommendation for maintenance of ZS8.4

Module duration

1/2 day

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