

Operating mechanisms AHMA-4 /-8 Maintenance Training Level 4 COURSE DESCRIPTION



Course goal:

The course is an in-depth training and conveys profound knowledge on the overhaul of AHMA-4 /-8, operating mechanisms.

Participant profile:

Field service engineer for Hitachi, preferably on high voltage products or high current systems. Willingness to travel and work for the global service network.

Prerequisites:

- Good English skills (written and spoken)
- Ability to read diagrams is required
- Electrical skills
- Mechanical skills
- Attended the local required health & safety Training
- First aid course with a certificate
- Own PSE
- Computer with admin rights

Main learning objectives:

- Working principle and troubleshooting
- Exchanging modules
- Repair and overhaul of the complete mechanism
- Adjustment of spring travel switch and auxiliary switch

Certification:

A certificate, valid for 1 year will be issued after successful participation in this course, as part of the certification process.

Within 12 months, an on-site assessment must be carried out along with a final review to receive a certificate, valid for another 3 years.

Duration:

8 days

Enrolments:

Send your request to

GIS-GCB_Training@hitachienergy.com

PREPARED		STATUS		SECURITY LEVEL	
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APPROVED		DOCUMENT KIND			
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Operating mechanisms AHMA-4 /-8 Maintenance Training Level 4					
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Day	Subject	Location
1	Welcome / Introduction to Hitachi Energy Switzerland	Classroom
	<ul style="list-style-type: none"> ❖ Training Introduction / Presentation ❖ Safety Induction ❖ Certification Process ❖ Hitachi Energy GIS-Product Portfolio 	
	Operating mechanism Safety instruction	
2	Basic training	Classroom
	<ul style="list-style-type: none"> ❖ Working principle of the system ❖ Detailed view of the system parts ❖ Troubleshooting 	
	Hands-on training	
3	<ul style="list-style-type: none"> ❖ Functions of spring limit switch ❖ Functions of auxiliary switch ❖ Checklist for failure investigation 	Classroom Training field
	Hands-on training	
	<ul style="list-style-type: none"> ❖ Pilot valves ❖ Overflow valve ❖ Interlocking pin 	
4	Hands-on training	Classroom Training field
	<ul style="list-style-type: none"> ❖ Bushings ❖ Piston rod ❖ Storage piston ❖ Tie rods ❖ Springs 	
	Hands-on training	
5	<ul style="list-style-type: none"> ❖ Motor / Pump element ❖ Adjustment bevel gear ❖ Z-plug ❖ Pilot valves 	Classroom Training field
	Week review	
	Q and A session	