



Operation & Maintenance

Level 2

LTB-L2-LTA and LTB E1/D1 with MSD1 & FSA1 – Training Agenda

PREPARED BY	STATUS	SECURITY LEVEL		
	Approved	Internal		
APPROVED BY	APPROVAL DATE			
Hakan Enback	2023-06-28			
OWNER	DOCUMENT KIND			
Head of Training Function	Agenda			
TITLE				
LTB-L2-LTA_LTB E1/D1 with MSD1 & FSA1-Training Agenda				
OWNING ORGANIZATION	DOCUMENT ID	REV.	LANG.	PAGE
SE-Ludvika-2657-Field Service		A	en	1/3
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Course goal:

This training aims at how to perform basic troubleshooting, basic analytics & basic repair.

Main learning objectives:

- ❖ Understand design principles and critical elements.
- ❖ Comprehend the elements of troubleshooting, operation and maintenance of HV circuit breakers.

Prerequisites:

- ❖ Complete LTB level 0 training
- ❖ Complete HE HSE fundamental training.

Topics:

- ❖ Health & safety
- ❖ Basic maintenance
- ❖ Electrical schematics & connections points
- ❖ Troubleshooting & diagnosis.
- ❖ Q&A

This is a theoretical and practical training course.

(LTA and LTB E1/D1 with MSD1 & FSA1)

Certification:

Follows the Hitachi Energy guidelines for certification according to respective certification policy.

Confirmation of attendance will be issued on training completion.

Duration:

1 (one) day

Enrollments:

Send your request to

se-ltb-Training@hitachienergy.com

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Approved	Internal	2GHE008761	A	en	2/3

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Day	Subject	Location
1	Welcome / Introduction to Hitachi Energy LTB- Product portfolio. <ul style="list-style-type: none"> ❖ Training Introduction / Presentation (Short introduction of the presenter, attendees, the curriculum, training, and specific circuit breaker type). ❖ Safety Induction (The participant should be acquainted and understand local and site-specific rules & legislation and comply with them). ❖ Certification Process ❖ Hitachi Energy Sweden LTB-Product Portfolio 	Classroom Training center
	Health and safety (Theoretical) <ul style="list-style-type: none"> ❖ Local safety and legislations ❖ The participant should be acquainted and understand local and site-specific rules & legislation and comply with them. ❖ Hitachi Energy product specific HSE. 	
	Basic maintenance (Practical) <ul style="list-style-type: none"> ❖ Basic repairs of operating mechanism. ❖ Maintenance category: A according to product manual. 	
	Electrical schematics & connections points <ul style="list-style-type: none"> ❖ Reading of electrical schematics & diagrams. ❖ Connection points for test equipment. 	
	Troubleshooting & diagnosis <ul style="list-style-type: none"> ❖ Electrical & mechanical troubleshooting. ❖ Circuit breaker diagnostic testing. ❖ Diagnosis outcome. 	
	Day Review Q and A session	

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Approved	Internal	2GHE008761	A	en	3/3