

Overhaul & Repairs Training

Level 4

LTB-L4-HPL-B<B-E-with-BLG1002A-Training Agenda

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OWNER Head of Training Function	DOCUMENT KIND Agenda			
TITLE LTB-L4-HPL B _LTB E with BLG 1002A - Training Agenda				
OWNING ORGANIZATION SE-Ludvika-2657-Field Service Hitachi Energy	DOCUMENT ID 2GHE000596	REV. A	LANG. en	PAGE 1/3
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Course goal:

This training aims at how to perform LTB Overhaul, LTB balancing, advance troubleshooting and advance repairs.

Main learning objectives:

- ❖ Understand the functions of LTB CB'S.
- ❖ Perform advanced troubleshooting and advanced repairs.
- ❖ Perform LTB balancing and complete overhaul.
- ❖ Perform overhaul of LTB CB's.

Prerequisites:

- ❖ Level 3 certification

Topics:

- ❖ Introduction
- ❖ Health & Safety
- ❖ Product description & functionality
- ❖ Overhaul & gas handling
- ❖ Circuit diagram & connection points
- ❖ LTB balancing
- ❖ LTB balancing & advanced troubleshooting.

Assembly steps and procedures:

- ❖ LTB Disassembly
- ❖ LTB Overhaul
- ❖ LTB balancing & advanced troubleshooting.
- ❖ Advanced repairs

This is a theoretical and practical training course.

HPL-B<B-E-with-BLG1002A

Certification:

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

Confirmation of attendance will be issued on training completion.

Duration:

5 (Five) days

Enrollments:

Send your request to

se-ltb-training@hitachienergy.com

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Day	Subject	Location
1	Welcome / Introduction to Hitachi Energy LTB Product Portfolio	Classroom
	<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. 	
2	Maintenance & Overhaul	Classroom / Training center
	<ul style="list-style-type: none"> ❖ How to perform maintenance category B & C/D (Overhaul) (Best practice). ❖ LTB balancing & advanced troubleshooting. 	
3	Advance repairs	Classroom
	<ul style="list-style-type: none"> ❖ How to perform advanced repairs for the Circuit breaker & operating mechanism. ❖ LTB disassembly. 	
4	SF6 Handling & Environmental aspects.	Classroom
	<ul style="list-style-type: none"> ❖ SF6 Gas handling and the impact of the greenhouse effect. ❖ LTB overhaul. 	
5	How to read and understand Circuit diagram/s	Classroom
	<ul style="list-style-type: none"> ❖ Circuit diagram reading & troubleshooting. ❖ LTB balancing & advanced troubleshooting. 	
5	Testing & Balancing	/ Classroom / Training center
	<ul style="list-style-type: none"> ❖ Introduction for transducer testing, how to adjust speeds, timing overtravel, etc. accordingly to testing standards. ❖ Testing (Maintenance category B) (With transducer). ❖ Testing after overhaul category C/D. ❖ Circuit breaker balancing (Transducer & settings). 	
5	Week Review	/ Classroom / Training center
	Q and A session	

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