

COMPRESSOR TECHNOLOGY TRAINING

TRAINING INFORMATION FOR GENERAL RECIPROCATING COMPRESSOR

Training Location: Winterthur, Switzerland or Customer Site or Online

Training is essential for the safe operation and maintenance of compressors. In order to minimize downtime and maximize profit, these complicated machines need the attention of competent, professionally trained people.

Burckhardt's Education Campus offers you training in our modern well, equipped training center or at your site. Our professional trainers with many years of field service experience will travel to your site to teach your staff the theory of compressor function. (Hands-on training is only available in Winterthur, Switzerland).

Burckhardt Compressor Technology Training prepares your staff in every aspect of compressor handling; Compression theory, preventive maintenance, reliable operation, maximizing mechanical availability and maintenance planning are just some of the key topics covered that will enhance your compressors life cycle.



Options for General Training

General Reciprocating Compressor

3 days (only theory)

Target Group		<ul style="list-style-type: none"> • Maintenance supervisors • Superintendents • Operator and maintenance personnel • Service engineers, chief engineers, cargo engineers • Process managers, control specialists
Participants	In-house training in Winterthur	Minimum 3 / Maximum 8
	Training at customer site	Maximum 10 participants recommended or to be defined depending on customer's infrastructure. Classroom features: beamer, flipchart, whiteboard, etc.
Training Days	General Reciprocating	3-day training
Training Options	Prognost	2-day training in addition to the General Reciprocating Compressor training
Languages		English, German
Training Dates		To be agreed
Tailor-made training		Customized training courses can be developed to suit your exact requirements. Please contact the Training Center for further information

Training is not limited to Burckhardt compressors. Training on Non-Burckhardt compressors can also be provided.

Other available trainings

Process gas compressor training

Hyper compressor training

Laby® compressor training

Laby®-GI compressor training

Prognost training

General Reciprocating Compressors

3-Day training program



1. COMPANY INTRODUCTION
2. PRE-COMPRESSOR KNOWLEDGE TEST COMPANY INTRODUCTION
3. HAZARDS ASSOCIATED WITH RECIPROCATING COMPRESSORS AND PRESSURE SYSTEMS
4. TYPICAL MACHINE LAYOUT
5. COMPANY THEORY
6. COMPONENT IDENTIFICATION AND FUNCTION
7. BEARINGS, DESIGN, OPERATION, FAILURE MODES
8. RING DESIGN, MANUFACTURE, OPERATION
9. ROD SEALING, GAS PACKING, INTERMEDIATE PACKING, OIL WIPERS
10. VALVE DESIGN AND FUNCTION
11. UNLOADERS AND CAPACITY CONTROL
12. FRAME LUBRICATION SYSTEM AND ANCILLARIES
13. CYLINDER LUBRICATION, PUMP TO POINT / DIVIDER BLOCK
14. STARTING / STOPPING, NORMAL RUNNING, EMERGENCY PROCEDURES
15. REPORT WRITING AND MAINTENANCE PROCEDURES
16. FAULT FINDING
17. TROUBLE SHOOTING (VISIT PLANT / OBSERVATIONS IF POSSIBLE)
18. TEST

GENERAL INFORMATION

Travel to Switzerland

Participants arriving at Zürich Airport are kindly requested to travel by train to Winterthur.

The railway station is located in the airport building itself.

Direct trains to Winterthur are available every 15 minutes. Travelling time is approx. 15 minutes.

Recommended hotels in Winterthur

<u>Hotel Banana City</u> www.bananacity.ch/en Schaffhauserstrasse 8 CH - 8400 Winterthur Tel. +41 52 268 16 16 E-Mail: info@bananacity.ch	<u>Hotel Wartmann Best Western</u> www.wartmann.ch/en/home Am Bahnhof Winterthur Rudolfstrasse 15 8400 Winterthur Tel. +41 52 260 07 07 Fax +41 52 213 30 97 E-Mail: wartmann@wartmann.ch
<u>Park Hotel Winterthur</u> phwin.ch/en Stadthausstrasse 4 CH-8400 Winterthur Tel +41 52 265 02 65 Fax +41 52 265 02 75 E-Mail:welcome@phwin.ch	<u>Plaza Hotel Winterthur</u> www.plazahotel.ch Technikumstrasse 12, 8400 Winterthur Tel +41 52 212 15 15 E-Mail: info@plazahotel.ch

For more information

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