

BOGE Compressed Air Academy

Professional Service Seminar (English)

Description	Piston compressors (2EP)
Learning opportunities	<p>The participants of this seminar will get all the necessary skills for the systematic approach to doing troubleshooting and fault correction. This includes extensive methodological skills as well as detailed understanding of complex machines and controls.</p>
Target group	<p>Experienced service technicians, BOGE administrative service and product support personnel of key partners and distributors who are involved in the maintenance of oil injected BOGE screw compressors.</p>
Content	<ul style="list-style-type: none">• Fault analysis of oil-lubricated and oil-free piston compressors• Configuration of piston compressor controls base control, focus control 2.0• Troubleshooting and repair of screw compressors with oil-injection cooling• Commissioning of piston compressors
Requirements	<ul style="list-style-type: none">• Knowledge of design and functions of<ul style="list-style-type: none">- BOGE compressor controls- BOGE oil-lubricated piston compressors• Experience with<ul style="list-style-type: none">- Handling of BOGE compressor controls- Maintenance of BOGE oil-lubricated piston compressors <p>(or previous participation in e.g.: Basic Service Seminar piston compressors)</p>
Duration	2 days
Charge	-
Dates and locations	on appointment

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Agenda **Piston compressors (2EP)**

Day 1

- 09:00 hrs** Welcome and introduction to the course agenda, Introduction of participants
- 09:20 hrs** product overview of BOGE piston compressors
- 10:30 hrs** Break
- 11:00 hrs** Compressor controls for – piston compressors: base control and focus control 2.0
- Design, function and handling
- 12:45 hrs** Lunch-Break
- 13:30 hrs** Compressor controls for – piston compressors: base control and focus control 2.0
- Function and setup of base load switch
- 15:00 hrs** Break
- 15:30 hrs** Compressor controls for – piston compressors: base control and focus control 2.0
- Setup of a base load switch and Software flashing
- 17:00 hrs** End of the seminar day

In case the seminar will take place at BOGE headquarters, and if time-wise possible we will make a factory tour for those who are interested.

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Day 2

09:00 hrs	Fundamentals of compressed air
09:45 hrs	Compressor room
10:30 hrs	Break
11:00 hrs	Oil-lubricated and oil-free piston compressors <ul style="list-style-type: none">• Installation and commissioning
12:45 hrs	Lunch-Break
13:30 hrs	Oil-lubricated and oil-free piston compressors – Options <ul style="list-style-type: none">• Booster, FlexPET
14:15 hrs	Oil-lubricated and oil-free piston compressors <ul style="list-style-type: none">• Fault determination and localisation on BOGE compressors (electrical and mechanical)
15:00 hrs	Break
15:30 hrs	Oil-lubricated and oil-free piston compressors <ul style="list-style-type: none">• Fault determination and localisation on BOGE compressors (electrical and mechanical)
17:00 hrs	End of the seminar