

# BOGE Compressed Air Academy

## Professional Service Seminar (English)

<b>Description</b>	<b>Piston compressors (2EP)</b>
<b>Learning opportunities</b>	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.
<b>Target group</b>	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.
<b>Content</b>	<ul style="list-style-type: none"><li>• Fault analysis of oil-lubricated and oil-free piston compressors</li><li>• Configuration of piston compressor controls <b>base</b> control, <b>focus</b> control 2.0</li><li>• Troubleshooting and repair of screw compressors with oil-injection cooling</li><li>• Commissioning of piston compressors</li></ul>
<b>Requirements</b>	Technical understanding of oil-lubricated and oil-free piston compressors, and knowledge of the operation of machines and work on machines.
<b>Duration</b>	2 days
<b>Charge</b>	-
<b>Dates and locations</b>	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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<b>Agenda</b>	<b>Piston compressors (2EP)</b>
<b>Day 2</b>	
<b>09:00 hrs</b>	Fundamentals of compressed air
<b>09:45 hrs</b>	Compressor room
<b>10:30 hrs</b>	Break
<b>11:00 hrs</b>	Oil-lubricated and oil-free piston compressors <ul style="list-style-type: none"><li>• Installation and commissioning</li></ul>
<b>12:45 hrs</b>	Lunch-Break
<b>13:30 hrs</b>	Oil-lubricated and oil-free piston compressors – Options <ul style="list-style-type: none"><li>• Booster, Flex<b>PET</b></li></ul>
<b>14:15 hrs</b>	Oil-lubricated and oil-free piston compressors <ul style="list-style-type: none"><li>• Fault determination and localisation on BOGE compressors (electrical and mechanical)</li></ul>
<b>15:00 hrs</b>	Break
<b>15:30 hrs</b>	Oil-lubricated and oil-free piston compressors <ul style="list-style-type: none"><li>• Fault determination and localisation on BOGE compressors (electrical and mechanical)</li></ul>
<b>17:00 hrs</b>	End of the seminar