

# BOGE Compressed Air Academy

## Professional Service Seminar (English)

<b>Description</b>	<b>Screw compressors with oil-injection cooling (2ES)</b>
<b>Learning opportunities</b>	<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>
<b>Target group</b>	<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>
<b>Content</b>	<ul style="list-style-type: none"><li>• Configuration of oil injected screw compressor controls (base control and focus control 2.0)</li><li>• Commissioning of oil injected screw compressors</li><li>• Fault analysis of oil injected screw compressors</li><li>• Troubleshooting and repair of screw compressors with oil-injection cooling</li></ul>
<b>Requirements</b>	<ul style="list-style-type: none"><li>• Knowledge of design and functions of<ul style="list-style-type: none"><li>- BOGE compressor controls</li><li>- BOGE screw compressors with oil-injection cooling</li></ul></li><li>• Experience with<ul style="list-style-type: none"><li>- Handling of BOGE compressor controls</li><li>- Maintenance of BOGE screw compressors with oil-injection cooling</li></ul></li></ul> <p>(or previous participation in e.g.: Basic Service Seminar screw compressors with oil injection cooling)</p>
<b>Duration</b>	2 days
<b>Charge</b>	-
<b>Dates and locations</b>	on appointment

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### Agenda **Screw compressors with oil-injection cooling (2ES)**

#### Day 1

- 09:00 hrs** Welcome and introduction to the course agenda,  
Introduction of participants
- 09:20 hrs** Product overview BOGE screw compressors with oil-injection cooling
- 10:30 hrs** Break
- 11:00 hrs** Compressor controls – base control and focus control 2.0
- Design, function and handling
- 12:45 hrs** Lunch-Break
- 13:30 hrs** Compressor controls – base control and focus control 2.0
- Function and setup of base load switch
- 15:00 hrs** Break
- 15:30 hrs** Compressor controls – base control and focus control 2.0
- Setup of a base load switch
  - 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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**Agenda**      **Screw compressors with oil-injection cooling (2ES)**

### Day 2

**09:00 hrs**      Fundamentals of compressed air

**09:45 hrs**      Compressor room

**10:30 hrs**      Break

**11:00 hrs**      BOGE screw compressors with oil-injection cooling – Options

- Frequency control
- BLUEKAT
- Heat recovery

**12:45 hrs**      Lunch-Break

**13:30 hrs**      Installation and commissioning of screw compressors with oil-injection cooling

**14:15 hrs**      BOGE screw compressors with oil-injection cooling

- Fault determination and localisation  
(electrical and mechanical)

**15:00 hrs**      Break

**15:30 hrs**      BOGE screw compressors with oil-injection cooling

- Fault determination and localisation  
(electrical and mechanical)

**17:00 hrs**      End of the seminar