

BOGE Compressed Air Academy

Professional Service Seminar (English)

Description	Compressed Air Treatment (2ET)
Learning opportunities	<p>The participants in this seminar will get all necessary knowledge imparted that are necessary for a systematic troubleshooting at BOGE refrigeration dryers, adsorption dryers, DAV and BOGE converters.</p> <p>This includes a detailed understanding of complex machines and controls and extensive methodically skills.</p>
Target group	Service technicians, administrative service and product support personnel of our key partners and distributors which are entrusted with the troubleshooting at BOGE air-treatment components.
Content	<ul style="list-style-type: none">• BOGE refrigeration dryers (DS(-2), DH)<ul style="list-style-type: none">- Function of refrigerant control components- Dryer controls- Fault messages with analytical Fault determination and localisation• Vacuum warm regenerated adsorption dryer (DAV(-2))<ul style="list-style-type: none">- Structure, function and maintenance work- Dryer control- Fault messages with analytical Fault determination and localisation• BOGE Converter (BC)<ul style="list-style-type: none">- Structure, function and maintenance work- Dryer control- Fault messages with analytical Fault determination and localisation• BOGE special gas generators (N...-2 P(E) / O...P(E))<ul style="list-style-type: none">- Structure and function• BOGE connect – Smart Monitoring and Service Tool
Requirements	<ul style="list-style-type: none">• Knowledge of design and functions of<ul style="list-style-type: none">- BOGE dryer controls- BOGE refrigeration dryer- BOGE adsorption dryer• Experience with<ul style="list-style-type: none">- Handling of BOGE dryer controls- Maintenance of BOGE refrigeration dryer and adsorption dryers <p>(or previous participation in e.g.: Basic Service Seminar Compressed Air Treatment)</p>

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Duration	2 days
Charge	-
Dates and locations	on appointment

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Agenda Compressed Air Treatment (2ET)

Day 1

- 09:00 hrs** Welcome and introduction to the course agenda, Introduction of participants
- 09:15 hrs** BOGE refrigerant dryers – DS(-2), DH(-2) and DT...(F) series
- Design and function of refrigerant control components
- 10:00 hrs** BOGE refrigerant dryers – DS(-2), DH(-2) and DT...(F) series
- Structure and function of refrigerant control components
 - Fault determination and localisation
- 10:30 hrs** Break
- 11:00 hrs** BOGE refrigerant dryers – DS(-2), DH(-2) and DT...(F) series
- Structure and function of refrigerant control components
 - Fault determination and localisation
- 12:45 hrs** Lunch-Break
- 13:30 hrs** BOGE refrigerant dryer controls – DS(-2), DH(-2) and DT...(F) series
- Fault lists
 - Fault determination and localisation
- 15:00 hrs** Break
- 15:30 hrs** BOGE Adsorptions dryer – DAV(-2)
- Design and function
- 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	Compressed Air Treatment (2ET)
Day 2	
09:00 hrs	BOGE Adsorption dryer control DAV(-2) <ul style="list-style-type: none">• Design and function
10:30 hrs	Break
11:00 hrs	BOGE Adsorption dryer DAV(-2) <ul style="list-style-type: none">• Maintenance intervals and maintenance work• Fault determination and localisation
12:30 hrs	Lunch-Break
13:15 hrs	BOGE converter – BC <ul style="list-style-type: none">• Design and function• Maintenance intervals and maintenance work• Fault determination and localisation
15:00 hrs	Break
15:30 hrs	BOGE special gas generators (INMATEC) (PN 20 – 3000 / PO 20 – 2000) <ul style="list-style-type: none">• Design and function
16:15 hrs	BOGE connect – Smart Monitoring and Service Tool <ul style="list-style-type: none">• Concept• Connection• Commissioning
17:00 hrs	End of the seminar