

BOGE Compressed Air Academy

Professional Service Seminar (English)

Description	Screw compressors with oil-injection cooling (2ES)
Learning opportunities	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.
Target group	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.
Content	<ul style="list-style-type: none">• Configuration of oil injected screw compressor controls (base control and focus control 2.0)• Commissioning of oil injected screw compressors• Fault analysis of oil injected screw compressors• Troubleshooting and repair of screw compressors with oil-injection cooling
Requirements	Technical understanding of screw compressors with oil-injection cooling, and knowledge of the operation of machines and work on machines.
Duration	2 days
Charge	-
Dates and locations	on appointment

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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 <ul style="list-style-type: none">• Design, function and handling
12:45 hrs	Lunch-Break
13:30 hrs	Compressor controls – base control and focus control 2.0 <ul style="list-style-type: none">• Function and setup of base load switch
15:00 hrs	Break
15:30 hrs	Compressor controls – base control and focus control 2.0 <ul style="list-style-type: none">• 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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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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• Fault determination and localisation (electrical and mechanical)
15:00 hrs	Break
15:30 hrs	BOGE screw compressors with oil-injection cooling <ul style="list-style-type: none">• Fault determination and localisation (electrical and mechanical)
17:00 hrs	End of the seminar