

Customer Technology Training at Burckhardt Compression AG, Winterthur (Switzerland)

Process Gas Compressor – Training Program for 3 Days

Customer: **xx** / Compressor typ, s/n: **xx**

time	Monday	responsible	Tuesday	responsible	Wednesday	responsible	Thursday	responsible	Friday	responsible
08:00										
09:00	CT: Process Gas Compressor - Welcome at BCAG - Company introduction		CTP7: Process Gas Compressor - Manual introduction & exercises		CTPx: Process Gas Compressor Maintenance in practice - Servicing - Packing and oil scraper - Reinstall Compressor					
10:00	break		break		break					
11:00	CTP1: Process Gas Compressor - Markets and applications - Workshop tour/museum		CTP6: Process Gas Compressor - Commissioning		CTP5: Process Gas Compressor - Plant design - Installation foundation					
12:00	lunch		lunch		lunch					
13:00	CTP2: Process Gas Compressor - Detail & design features - Type designation - Crankgear - Distance piece - Superbolt & hydraulic connections		CTPx: Process Gas Compressor Disassembling of: - piston/piston rod - packing and oil scraper - cross head		CTP8: Process Gas Compressor - Trouble shooting - Case studies					
14:00	break		break		break					
15:00	CTP3: Process Gas Compressor - Cylinder - Cylinder piston & piston rod - Piston rod packing - Valves		CTPx: Process Gas Compressor Disassembling in practice - Rod drop adjustment - Piston rings installation - Conrod + Crosshead - Measure Clearance		Questions & answers. Final test & solutions, and farewell activities					
16:00	Q&A		Q&A		Q&A					
			Social Event							

Theoretical sessions

Practice (hands on)

Customer Technology Training at Burckhardt Compression AG, Winterthur (Switzerland)

Process Gas Compressor – Training Program for 5 Days

Customer: **xx** / Compressor typ, s/n: **xx**

time	Monday	responsible	Tuesday	responsible	Wednesday	responsible	Thursday	responsible	Friday	responsible
08:00										
09:00	CT: Process Gas Compressor - Welcome at BCAG - Company introduction CTP1: Process Gas Compressor - Markets and applications		CTP4: Process Gas Compressor - Capacity Control - Monitoring System CTP5: Process Gas Compressor - Plant design - Installation foundation		CTPx: Process Gas Compressor Disassembling in practice - Rod drop adjustment - Piston rings installation - Conrod + Crosshead - Measure Clearance		CTPx: Process Gas Compressor Valves Application of valves in general. Valve types (design features and material), Unloaders		CTP7: Process Gas Compressor - Manual introduction & exercises	
10:00	break				break					
11:00	CTP1: Process Gas Compressor - Markets and applications Cont. - Workshop tour/museum		break CTP6: Process Gas Compressor - Commissionsing		CTPx: Process Gas Compressor Maintenance in practice - Servicing - Packing and oil scraper - Reinstall Compressor		CTPx: Process Gas Compressor Valves References, field experience. Valve failure and failure prevention. Visit valve production at the workshop.		CTP8: Process Gas Compressor - Trouble shooting - Case studies	
12:00	lunch		lunch		lunch		lunch		lunch	
13:00	CTP2: Process Gas Compressor - Detail & design features - Type designation - Crankgear - Distance piece - Superbolt & hydraulic connections		continue CTP6: Process Gas Compressor - Commissionsing		CTPx: Process Gas Compressor Readjustment of: - excenter-piston - piston rod run out measurement		CTPx: Process Gas Compressor Valves Assembly of valves.		CTP9: Process Gas Compressor - Maintenance and repair	
14:00	break break		break CTPx: Process Gas Compressor Disassembling of: - piston/piston rod - packing and oil scraper - cross head		break break		break break		break break	
15:00	CTP3: Process Gas Compressor - Cylinder - Cylinder piston & piston rod - Piston rod packing - Valves				CTPx: Process Gas Compressor Assembling of: - cross head - packing and oil scraper - piston/piston rod		CTPx: Process Gas Compressor Valves Assembly of valves.		Questions & answers. Final test & solutions, and farewell activities	
16:00	Q&A		Q&A		Q&A		Q&A			

Social Event

Theoretical sessions

Practice (hands on)