

Customer Training at Burckhardt Compression AG, Winterthur (Switzerland)

Process Gas Compressor/ Hyper Compressor – Training Program for 5 Days

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

time	Monday (Process Gas)	responsible	Tuesday (Process Gas)	responsible	Wednesday (Valves)	responsible	Thursday (Hyper)	responsible	Friday (Hyper)	responsible
08:00	Process Gas Compressor		Process Gas Compressor		Process Gas Compressor		Hyper:		HP Cylinder Overhaul	
09:00	- Welcome at BCAG - Company introduction - CSS – General information - After sales services		Disassembling of: - piston/piston rod - packing and oil scraper - cross head		Valves Application of valves in general. Valve types (design features and material), Unloaders		Design basis and considerations. General presentation LDPE; Design features of Secondary Compressors			
							Design features of secondary compressors (crank gear)			
10:00	break		break		break		break		break	
11:00	Process Gas Compressor - Markets and applications - Workshop tour/museum		Process Gas Compressor Disassembling in practice - Rod drop adjustment - Piston rings installation - Conrod + Crosshead - Measure Clearance		Process Gas Compressor Valves References, field experience. Valve failure and failure prevention. Visit valve production at the workshop.		Design features of secondary compressors (crank gear)		HP Cylinder Overhaul	
							Work Shop Tour			
12:00	lunch		lunch		lunch		lunch		lunch	
13:00	Process Gas Compressor - Detail & design features - Type designation - Crankgear - Distance piece - Superbolt & hydraulic connections		Process Gas Compressor Maintenance in practice (Motion work) - Servicing - Packing and oil scraper - Reinstall Compressor		Process Gas Compressor Valves Assembly of valves.		Design features of secondary compressors (High pressure part)		HP Cylinder Overhaul	
14:00	break		break		break		break		break	
15:00	Process Gas Compressor - Cylinder - Cylinder piston & piston rod - Piston rod packing - Valves		Process Gas Compressor (Motion work) Assembling of: - cross head - packing and oil scraper - piston/piston rod		Process Gas Compressor Valves Assembly of valves.		Design features of secondary compressors (lubrication systems)		HP Cylinder Overhaul	
16:00	Q&A		Q&A		Q&A		Q&A		Q&A	

Theoretical Training

Hands on Training

SOCIAL EVENT