



CNG COMPRESSOR PREVENTIVE MAINTENANCE PROGRAM

Compressor type
IODM 115-3-12

Compressor model
HRC115-10-3-132-2B

☒ = request
☐ = check and corrective action if necessary

Data: 11-04-2019
REV.0

Operation		Parts code	Q. ty	Working time	Every 6 months or 2000h	4000 h	8000 h	12000 h	16000 h	20000 h	24000 h	28000 h	32000 h	36000 h
Lubrication	Oil filter replacements	FIAP550020	1	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Crank case oil replacements	MOBILDELVAC1540	10 lt.	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Inlet regulating filter change	DCA0286-3	2	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Oil leak check	--		10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Filter	Last stage gas filter replacements	AIR3605251 + DCA20150 + DCA22063	1	40	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Gas inlet filter cleaning replacements		1	20	<input type="checkbox"/>									
	Instrument air filter replacements		1	5	<input type="checkbox"/>									



CNG COMPRESSOR PREVENTIVE MAINTENANCE PROGRAM

Compressor type
IODM 115-3-12

Compressor model
HRC115-10-3-132-2B

☒ = request
☐ = check and corrective action if necessary

Data: 11-04-2019
REV.0

Operation		Parts code	Q. ty	Working time	Every 6 months or 2000h	4000 h	8000 h	12000 h	16000 h	20000 h	24000 h	28000 h	32000 h	36000 h
Gas Valve	1° stage suction gas valve replacements	DCA16022	2	30		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2° stage suction gas valve replacements	DCA16022	1	20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3° stage suction gas valve replacements	DCA15462-2	1	20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1° stage discharge gas valve replacements	DCA16023	2	30		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2° stage discharge gas valve replacements	DCA16023	1	20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3° stage discharge gas valve replacements	DCA15458	1	20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Check Valve replacements	GRFGR00580	1	20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	O-ring KIT	DCA3723	1	/		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	O-ring KIT	DCA3725	1	/			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Gasket valve KIT	DCA3724	1	/		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	Gasket valve KIT	DCA3726	1	/			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	



CNG COMPRESSOR PREVENTIVE MAINTENANCE PROGRAM

Compressor type
IODM 115-3-12

Compressor model
HRC115-10-3-132-2B

☒ = request
☐ = check and corrective action if necessary

Data: 11-04-2019
REV.0

Operation		Parts code	Q. ty	Working time	Every 6 months or 2000h	4000 h	8000 h	12000 h	16000 h	20000 h	24000 h	28000 h	32000 h	36000 h
Piston Rings	1° stage rings replacements	DCA16518-J	1	150			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	1° stage rider replacements	DCA16519	1				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	2° stage rings replacements	DCA16520-J	1				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	2° stage rider replacements	DCA16521	1				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	3° stage rings replacements	DCA15059-4-J	1	150			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	3° stage rider replacements	DCA15074	1				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	1° stage piston change	DCA85034-2	1	180			<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
	2° and last stage piston change	DCA85035-2	1	180			<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	



CNG COMPRESSOR PREVENTIVE MAINTENANCE PROGRAM

Compressor type
IODM 115-3-12

Compressor model
HRC115-10-3-132-2B

☒ = request
☐ = check and corrective action if necessary

Data: 11-04-2019
REV.0

Operation		Parts code	Q.ty	Working time	Every 6 months or 2000h	4000 h	8000 h	12000 h	16000 h	20000 h	24000 h	28000 h	32000 h	36000 h
Packing assembly	Scraper rings	DCA15011-J	2	640			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Packing RT	DCA15038	10				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Packing TT	DCA15038-1	2				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Last packing cage	DCA15009-5	2				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Down pressure ring	DCA15010	2						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
	Packing o-ring kit	DCA16720	1				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
	Packing seal assembly	DCA17118					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Safety Valve	Blowdown safety Valve	TEC240-050-12-18	1	15	<input type="checkbox"/>									
	1° stage safety valve	TEC240-050-12-18	1	15	<input type="checkbox"/>									
	2° stage safety valve	TEC240-050-12-65	1	15	<input type="checkbox"/>									
	3° stage safety valve	TEC240-050-12-160	1	15	<input type="checkbox"/>									
	4° stage safety valve	TEC240-050-12-275	1	15	<input type="checkbox"/>									



CNG COMPRESSOR PREVENTIVE MAINTENANCE PROGRAM


Compressor type
IODM 115-3-12

Compressor model
HRC115-10-3-132-2B

☒ = request
☐ = check and corrective action if necessary

Data: 11-04-2019
REV.0

Operation		Parts code	Q. ty	Working time	Every 6 months or 2000h	4000 h	8000 h	12000 h	16000 h	20000 h	24000 h	28000 h	32000 h	36000 h
Instrumentation	Depressurizing valve diaphragm	DCA21258	1	60		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Kit o-ring Crankshaft	DCA3732	1						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
	Reten oil seal	DCA20196	1				<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	
	Flywell baffle ring	DCA15015	1						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
	White metal bearing	DCA15133-7	4				<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	
	Tank oil level check					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cylinder lubrication flow switch verification					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Inlet pressure transmitter verification					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lubrication pressure transmitter verification					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
cleaning	Gas cooler cleaning			360		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Compressor body cleaning			120		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Oil tank cylinder lubrication cleaning			20		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Instrument panel cleaning			15		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

<div></div>		CNG COMPRESSOR PREVENTIVE MAINTENANCE PROGRAM												
		Compressor type IODM 115-3-12			Compressor model HRC115-10-3-132-2B			☑ = request ☐ = check and corrective action if necessary					Data: 11-04-2019 REV.0	
Operation		Parts code	Q. ty	Working time	Every 6 months or 2000h	4000 h	8000 h	12000 h	16000 h	20000 h	24000 h	28000 h	32000 h	36000 h
DRIVE	Crankshaft assembly with bearing	DCA15504	1	300					☑				☑	
	Crosshead	DCA85025	2	40					☐				☑	
	Connecting rod crosshead pin	DCA85026	2	75					☐				☑	
	Drive Belt status and tension	OPTSPC3150SKRP	8	120	☐	☐	☑	☐	☑	☐	☑	☐	☑	☐
	Greasing motor bearing	MOBIL POLIREX EM	400gr	15	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑