

Date: 10-06-2014

Place:

Frederikshavn

## MEASUREMENT RECORD

Installation (ship): Recon	Cylinder hea	d No.: 3360		
Engine type: Wichman	Engine No.:		Ordrenr: 140	12
RECONDITIONING OF CYLINDER HEAD  1. Cleaning and washing: Sand Blast Machine Washing Machine Pressure Washing  2. Pressure testing Pressure tested air Pressure tested water	□		AJR JN	D C C C C C C C C C C C C C C C C C C C
3. Recon of valves and seat rings Grinding of valves Grinding of valve seat rings Change of valves Change of valve seat rings Rotocaps renewed Oversize valve seat Angle (deg.) Change of valve guides	A B C D	VALVE GUIDES  Nominal diameter: 24 Reference diameter: 24 Deviations in 1/100 mm	4 mm	11 20 D D guille
4. Injection valve sleeve Valve sleeve renewed Valve sleeve reused		INLET A I	I EXHAUST	D   I
<ol> <li>Starting valve:</li> <li>Visual inspection / cleaning</li> <li>Overhaul of starting valve</li> </ol>		VALVES	<u>                                     </u>	<u>z</u>
6. Safety valve: Visual inspection / cleaning Overhaul of safety valve	Bar		Stampings	Y
7. Lapping of sealing surface		dia valve surface inlet 92 dia valve surface exh 82		Valve location
8. Machining of sealing surface	/ <sub>100mm</sub> Burn- Valve	off area: Zmax= 1 mm Y – Min 7,8 mm		A B
9. Rotocap:		outher dia valve seat: 113 mm Exhaust: 110	<u>mm</u>	С
Inspection no overhaul				D
Inspection full overhaul		Reference diameter:	24 mm	Wear limit valve stem 23.95 mm
10. Valve spring Inspection		Deviations to be give	en in 1/100 mm.	
<ul><li>11. Valve yoke:     Adjusted</li><li>12: Tightening with torque:</li></ul>		INLET A		A   II
Injection valve Starting valve Rocker arm Safety valves	☐ 125 Nm ☐ 55 Nm ☐ 400 Nm ☐ 85 Nm	В		B   II

Name:

Morten Menne