



Factual Statement: Pumps

Project: TSS Rotterdam BV

Client: S.E.S International BV

Office: Mumbai

Client's Order Number: 4775454

Date: 19 March 2018

Order Status: Completed

Inspection Dates

First: 25 September 2018

Final: 25 September 2018

This statement is issued to **Allweiler India Pvt. Ltd.** on whose request the undersigned surveyor to Lloyd's Register Asia attended the works of **Allweiler India Pvt. Ltd.** at **Daman** on **25 September 2018** for inspection of the undernoted twin screw pump intended for **TSS Rotterdam BV**

Description:

Qty 1 Nos. Twin Screw Lube Oil Pump
Model: 211.150/102.100 Sl. No.: 1702781/5596

Scope of Inspection:

Inspection as per QP/1702781/001 Rev No.00, Test Standard: VDMA 24284 Gr.II Cl.II and Client approved drawing No.:20000108135 and 20000108136

1. Review of Markings and Manufacturer's TC for Pump Casing and Screw shaft but due to unavailability of LR certificate, its authenticity cannot be verified, traceability established to Manufacturer's TC, found satisfactory in accordance with LR Rules for Materials,2018
2. Witness of Hydraulic Test of Pump Casing. Test Pressure: 10.5 bar. Refer Cert No.: 1702781/01 dtd: 25/09/2018
3. Functional checks as per approved QAP. Refer Cert No.:218181 dtd:25/09/2018
 - Performance Checks with Test Media : Lube Oil (Viscosity: 50 cst, Temperature: 48°C)
Capacity Delivered(lpm): 3570[#], 4308^{**} Discharge Pressure (kg/cm²): 5.1[#] No.of revs per minute: 1492[#], 1780^{**}
Volts*:440 V[#] Amperes/Kw*: 48.02 Kw[#] Supply Frequency*: 50 Hz[#]
*Parameters of Test Bed Electrical Driven Motor
Observed Values **Corrected Values
4. Visual and Dimensional Check.

Identification: For the purpose of identification only pump has been hard stamped on flanged end at discharge side as "BOM1800822 52"

Conclusion: On the basis of the scope of inspection undertaken, the aforementioned twin screw pump was found to comply with Client approved drawing and QAP.

Final acceptance of the equipment is subject to installation and testing on-board to attending surveyor's satisfaction.

**Witnessed Relief Valve Crack Open Pressure at 5.8 kg/cm2
Intended Service is Lube Oil Pump**



Shantanu
Surveyor to Lloyd's Register Asia

a member of the Lloyd's Register group.

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