



SOLEMAR

PRE-DOCKING INSPECTION

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Predocking Inspection to be carried out sufficient time before drydock period. Mainly this inspection's aim is to get preliminary condition report of marine engines and decided to scope of maintenance during next drydock period.

Advantages

- ✓ Evaluate engine condition before drydock period by means of various inspection such as scavenge port inspection, crankcase inspection etc
- ✓ Full written condition report with taken measurements wear rate calculation compared with previous recorded data
- ✓ List of overhaul plan in light of engine condition and running hours as per vessel PMS system
- ✓ Recommended work scope during drydock
- ✓ Optimised planning according to maintenance Schedule
- ✓ Required spare part list preparation before dry dock
- ✓ Engine Performance data collection for evaluation

Predocking Inspection package consist of below inspections

1. Scavenge Port Inspection : Cylinder condition report clearance measurement, visual inspection of cylinder component such as liner piston rings, skirt, piston rods and also air receiver non return flap blowers water mist catcher air cooler housing visual inspection.
2. Crankcase Inspection : Bearing clearance measurement , crankcase bottom check, guide shoe&rail ,chain drive inspection thrust bearing and collar surfaces chain wheel measurement
3. Camshaft Section Inspection : Evaluation of running surface fuel & Exh cam and roller. Taking clearances compared with instruction.
4. General visual inspection of around engine; pressure and temperature reading instrument condition leakage check around engine. Shaft erathing device function and condition foundation bolts and support condition, mechanical and hydraulic top bracing condition,
5. Service Performance : Evaluation of engine performance report with ISO corrected value.
6. Evaluation of Fuel oil & LO analysis report on board

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“The right planning can help you save time and money”