Vol.19

Service News

Preparation before Dock

The notice at overhaul inspection will be explained in this instalment.

Troubles during dock

In this case, there are no any problems if it can be repaired easily, but the additional parts, tools & persons may be required for replacement. Moreover, we may have to follow the vessel and send the parts because the parts cannot be arranged at the site during dock. (Order produced goods、Inspected goods and etc.)

There are some cases that dock and engineering work shall be carried out before the existing boiler condition is not understood sufficiently because the boiler usage, condition and control difference.

Check-sheet before dock

Please inspect he boiler at the vessel before dock as possible as you can, and then fill the results in the check sheet and return it to us. We will suggest you after examining the details of the result.

Necessity of instruments check

We believe that the corrections in the steam pressure gauge of the boiler and Exh. gas economizer (in case of the thermal oil heater and exhaust gas thermal oil heater, calibration or replacement of pressure gauges) is normally made at dock. Moreover, we would like to know how you carry out the maintenance for the instruments such as pressure gauge, thermometer and etc.? There are same cases that the maintenance is careless year by year. Those instruments are the important standard to know the boiler (heater) conditions. And, they are the necessary items to know the early abnormal condition.

The preceded arrangement may be required for overhaul and replacement.

In the event of the unexpected trouble such as the inferior combustion, this is the important for know the equipment condition also at the telephone communication with the ship.

We would like to recommend you to check the operation and damage.

Supplement 1: Standard Value

Basically, please refer to the data at the test operation and the figure described in the instruction manual.

*This may be depending on the model and specifications.

The pressure gauge and etc. using place is described in the drawing (Piping Drawing) enclosed in Final Drawing which we have already sent the ship.

Supplement 2: Merit

(1) Secondary accident prevention

(Ex.1: The early strainer cleaning according to the figure of the pressure gauge prevents the accident in advance. But, if it is not done, the lock and damage of the pump and etc. are caused.

(Ex.2: The inferior combustion is caused according to the F. O. oil pressure change. The boiler stop, soot clogging and back fire can be prevented in advance by the periodical combustion adjustment and burner cleaning.

(2) Short maintenance time

The comparison with the standard value and the measuring data management are useful to pursue the causes at the early stage.

Scan the QR code or click on the following URL for information about our service network.
https://www.miuraz.co.jp/en/marine/service/network.html

If you have any questions, please contact nearest MIURA's office.

We hope to receive your continuous support in the future.

Check Sheet before dock

To captain: Please kindly check the following items at dock and fill the data of each equipment to know the details.

1. Instruments and test operation data

ex)	F.O. pressure	MPa	Feed water pump outlet/inlet pressure	MPa
	FAN current	A	Circulating pump outlet/inlet pressure	MPa
	F.O. heater setting temperature	℃	Waste oil pressure primary / secondary	MPa
	F.O. heater display temperature	℃	Temperature in the combustion chamber of Incinerator	℃
	F.O. tank setting temperature	℃		

2. Water control

Please send us the boiler water management data executed at your ship.

*Measuring data, Frequency of surface blower & all blower, results of soft water check

For user which use Miura Z chemicals, please send us the sample of boiler water, cascade tank water, soft water, drain water. (Freight Prepaid)

*Please send to “Miura CO., LTD. Ship Machinery Dept. Maintenance Div.
7 Horie, Matsuyama, Ehime, 799-2696, Japan”

3. Control equipment

Please advise us the abnormal operation and control.

<Ex. Recently, the thermal of the switch is tripped, the abnormal temperature is shown in the display and so on.>

4. Leakage form the piping, equipment body, and others

Please advise us the leakage of water, fuel oil, Exh. gas, air and so on.

5. Others, abnormal

<Ex. smoke from funnel, Castable deterioration>

6. If you could have any queries before dock, please note the below.

Vessel’s Name: _____ Captain’s Name: _____

Contact (TEL): _____ (FAX): _____

Could you please kindly return us by **FAX. (No. +81-89-979-7067)**

Thank you very much for your cooperation!

Check Sheet before dock

(for thermal oil heater and exhaust gas thermal oil heater)

To captain: Please kindly check the following items at dock and fill the data of each equipment to know the details.

1. Instruments and test operation data

ex)

F.O. pressure	MPa	Thermal oil heater outlet/inlet pressure	MPa
FAN current	A	Exh T.O gas heater outlet/inlet pressure	MPa
F.O. heater setting temperature	℃	Circulating pump outlet/inlet pressure	MPa
F.O. heater display temperature	℃	Waste oil pressure primary / secondary	MPa
F.O. tank setting temperature	℃	Temperature in the combustion chamber of Incinerator	℃

2. Thermal oil expansion tank and thermal oil

Does the thermal oil level indicator show actual level? Does the tank have out side corrosion? Does the indicator show the level constantly? How was the result of the thermal oil analysis?

3. Control equipment

Please advise us the abnormal operation and control.

<Ex: Recently, the thermal of the switch is tripped, the abnormal temperature is shown in the display and so on.>

4. Leakage form the piping, equipment body, and others

Please advise us the leakage of thermal oil, fuel oil, Exh. gas, air and so on.

5. Others, abnormal

<Ex. smoke from funnel, castable deterioration>

6. If you could have any queries before dock, please note the below.

Vessel's Name: _____ Captain's Name: _____

Contact (TEL): _____ (FAX): _____

Could you please kindly return us by **FAX. (No. +81-89-979-7067)**

Thank you very much for your cooperation!