

for MITSUI—MAN B&W engines, Important notice of preparation for Starting and Starting-up of main Engine		No. 200	
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ENGINE TYPE	All	DATE	2019.2.6
<p>For continuous operation of main engine safely, we recommend that correct and timely maintenance is to be carried out according to the inspection/ confirmation / operation based on the instruction manual.</p> <p>In this connection, we would like to emphasize the importance of inspection / confirmation / operation of the following.</p> <p><u><Preparation / Checks before start-up of main engine></u></p> <ol style="list-style-type: none"> 1. Check if alarm is displayed or not during stand-by status. 2. Check that each valve is at the correct position. 3. Check that the pressure & temperature of whole fluids are in the normal range. 4. Check each part for leakage of fluid. 5. Drain water and compressor oil from the starting air pipe line & the air reservoir tank <u>There is a few reports that the starting air pipe has been ruptured at the starting of main engine due to presence of flammable fluids inside the starting air pipe.</u> <u>It is recommended to regularly inspect the inside of starting air pipe including Blow-off pipe.</u> 6. Carry out the turning within the last 30 minutes before starting and check the following. <ol style="list-style-type: none"> ① Check to hear if there is no abnormal sound from each part of main engine. ② The current values of the turning device must be as same as before. ③ Check to see if any fluids are not flowed out from any of the indicator valve. 			
PRIORITY			
IMMEDIATELY <input type="checkbox"/>	AT FIRST OPPORTUNITY <input checked="" type="checkbox"/>	WHEN CONVENIENT <input type="checkbox"/>	OTHERS <input type="checkbox"/>

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<Checks during Air Run>

1. Check if alarm is displayed or not.
2. Check that the engine is turned correctly on starting air.
3. Check to see if any fluids and/or abnormal black smoke and flame are not blown out from any of the indicator valve.
4. Check that blow-off pipe of the starting air pipe is not blocked by checking the flow of the starting air from the blow-off pipe.
5. Check to hear if there is no abnormal sound from each part of main engine.

<Checks during running of main engine>

1. Check that engine speed is increased after receiving order to run on fuel and the engine runs stably.
2. Check if alarm is displayed or not.
3. Check that the exhaust gas temperature is in the normal range and is stable.
4. Check that the exhaust gas is not leaked from any of the starting air valve.
5. Check that the exhaust gas is not flowed out from the blow-off pipe of starting air pipe.
Details of item No.4 & No.5, please refer to Service Note No.198.
6. Check that the pressure & temperature of each fluid are within the standard value.
7. Check to hear if there is no abnormal sound from each part of main engine.
8. Check ~~to~~ that the temperature of each part of main engine is in the normal level.

CAUTION

In case of abnormal condition during engine running, loud noise peak can occur.

Both earplugs and earmuffs must be used in combination.

In checking various leaks, please be careful because there is a possibility of high temperature and high pressure fluid.

- ※ It is recommended to carry out the overhaul of each part of main engine based on the actual condition of main engine in reference to the guiding maintenance schedule stated in the Instruction Manual Volume 2 "Maintenance".