

Deletion of running test for individual turbocharger

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Rules Pt 5, Ch 2, 211. 2 (2) (G) and (H)	1 Jul. 2019 (Date of which contracts for construction are signed or application for certification)

■ Major Amendments

○ Reason for Amendments

The individual products of turbocharger are to be carried out the running tests for 20 minutes at the maximum operating speed and operating temperature. If the 110% overload tests are carried out turbocharger on an engine, the running tests may be substituted. Therefore, the running tests of most individual products of turbocharger has been tested together with the engine 110% overload tests. However, as the IACS UR M73 has been enacted, in the case of the main engine, the 110% overload test is carried out only required once for each different engine/turbocharger configuration. So there was a difficulty in carrying out the running tests by adding the test facilities in the turbocharger manufacturer.

○ Amendments

Since the turbocharger is an engine part used to improve the engine performance, if it is confirmed that the engine performance is satisfied in the shop trial, it is judged that a separate characteristic (operation) test for the turbocharger is not necessary since the turbocharger also conforms to the engine characteristics. Also the type test of the turbocharger is carried out the running tests for one hour. For the above reason, the requirements for running test of the turbocharger unit were deleted.

○ **Impact Analysis**

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection

: N.A

- ✓ Indication of any impact on net and gross scantlings

: N.A