



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**

No. 2017 X4 90 - 1

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Iron castings
<i>Type</i>	GREY IRON AND NODULAR GRAPHITE IRON CASTING
<i>Manufacturer</i>	MANDAL CASTINGS AS
<i>Place of manufacture</i>	PO BOX 173 N-4502 Mandal NORWAY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials
<i>Reference documents</i>	-

Issued in **SANDEFJORD** on **August 30, 2017**. *This Certificate is valid until* **May 29, 2022**




RINA Services S.p.A.
Jarle Bjørntvedt  **RINA**
J. Bjørntvedt

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