



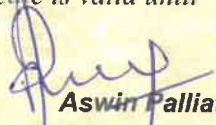
**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB019524CF**

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>	Steel castings for valves
<i>Type</i>	Carbon and Carbon-Manganese Steel, Low alloy steel, Austenitic Stainless Steel, Austenitic- ferritic(Duplex) Stainless Steel
<i>Applicant</i>	OSWAL INDUSTRIES LIMITED (FOUNDRY DIVISION) AT- BILESHWARPURA,P.O.CHHATRAL,TA-KALOL 382729 Gandhinagar (Gujarat-24) INDIA
<i>Manufacturer</i> <i>Place of manufacture</i>	OSWAL INDUSTRIES LIMITED (FOUNDRY DIVISION) AT- BILESHWARPURA,P.O.CHHATRAL,TA-KALOL 382729 Gandhinagar (Gujarat-24) INDIA
<i>Reference standards</i> <i>Reference documents</i>	RINA Rules for the approval of manufacturers of materials RINA Rules

Issued in **RINA India Marine** on **October 3, 2024**. *This Certificate is valid until* **September 17, 2029**




Aswin Palliath

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. **FAB019524CF**

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Carbon and Carbon-Manganese Steel, Low alloy steel, Austenitic Stainless Steel, Austenitic-ferritic(Duplex) Stainless Steel

APPROVAL CONDITIONS

Product Description: Carbon and carbon-manganese steel, Low alloy steel, Austenitic Stainless Steel, Austenitic-ferritic (Duplex) Stainless Steel

Casting Method: No bake sand moulding process

Casting Weight: Max. 3200 Kg

Delivery Condition: Unmachined Castings, Heat treatment as applicable.

Application:

The range of products include gate, globe, ball, check, butterfly, choke, control valves, nominal bore ranging from 2" to 48" (50 to 1200 mm) and pressure rating from 150 Class to 2500 Class

Survey Conditions: all castings to be used for construction for ships classed with RINA are to be in compliance with requirements of the RINA rules and are to be tested accordingly.

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

**RINA India Marine October 03,
2024**