

**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS**

No. **FAB146308TS/A**



**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>	Higher strength hull steel plates
<i>Type</i>	RINA DH32; DH36; EH32; EH36; DZ25
<i>Manufacturer</i>	EVRAZ VITKOVICE STEEL, A.S.
<i>Place of manufacture</i>	STRAMBERSKA 2871/47 706 02 OSTRAVA - VITKOVICE CZECH REPUBLIC
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **TRIESTE** on **January 19, 2009**. This Certificate is valid until **August 31, 2013**



RINA



**RINA**  
V. Miceli

This certificate consists of this page and 1 enclosure

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**RINA DH32; DH36; EH32; EH36; DZ25**

**APPROVAL CONDITIONS**

**Steel making : BOC Basic Oxygen converter**

**Casting process: CC Continuous casting - IC Ingot casting**

**Deoxidation practice, condition of supply and thickness:**

Steel grades	Deoxidation practice and fine grained elements	Condition of supply and max. thickness
DH32 - DH36 - EH32 - EH36	Al + Nb + V	N (normalized) 60 mm
DZ25	Al	N (normalized) 50 mm

**Survey conditions:**


The plates are to be in compliance in all respects with the relevant 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.

**TRIESTE January 19, 2009**



**RINA**  
V. Miceli

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