



**BUREAU
VERITAS**

MARINE Division

TYPE APPROVAL CERTIFICATE FOR STEELS

N°AR/CS-01-03-266

Considering the data supplied at the date of this Certificate and the type tests performed, BUREAU VERITAS can accept the use of the steel defined hereafter on board ships and offshore installations classed with the Society :

- **Manufacturing Steelworks :** **VITKOVICE a.s. - Division HUTE, OSTRAVA
Czech Republic**

- **Steel category :** **Higher strength hull steels**

- **Grade and/or trade mark :** **Grades AH, DH, EH 32-AH, DH, EH36 and DH36Z25**

- **Nature of products :** **Plates.**

- *Particulars concerning the above mentioned steels are given in the attached enclosure(s).*

The Approval may be reconsidered by BUREAU VERITAS in the following cases :

- significant changes are brought to the steel itself or to its manufacturing conditions
- non-conformities to relevant BUREAU VERITAS Rules are noticed during inspection at works
- anomalies are found when using products made with the approved steel
- products made with the approved steel have not been manufactured, or inspected by BUREAU VERITAS for more than two years.

The Approval implies that the products, prior to fitting on board, undergo the tests and inspections requested by the Society Rules. Inspections at works by BUREAU VERITAS Surveyors may be omitted only for Workshops awarded with a Certificate of Approval for BV Mode I Survey.

At PARIS LA DEFENSE, on June 10, 1996

For BUREAU VERITAS

J. BENOIT



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Enclosure to TYPE APPROVAL CERTIFICATE FOR STEELS

N°AR/CS-01-03-266

MANUFACTURING Steelworks : : VITKOVICE a.s., Division HUTE, OSTRAVA
Czech Republic

STEEL CATEGORY : : Higher strength hull steel

GRADE and/or TRADE MARK : : Grades AH, DH, 3H 32-AH, DH, EH 36 and DH36Z25.

MANUFACTURING PROCESS : : Basic oxygen converter "OXIVIT"

METHOD OF CASTING : : Continuous casting

DELIVERY CONDITION : : As rolled for grades AH32 & AH36, Normalized for all other grades

NATURE OF PRODUCTS and MAXIMUM THICKNESSES : : Plates up to a maximum thickness of 40 mm

PARTICULARS : : Grades microalloyed Al only for grades AH, DH 32 & AH36,
DH 36- Microalloyed Al + Nb for grade EH32 and 36.



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