



DET NORSKE VERITAS

APPROVAL OF MANUFACTURER

CERTIFICATE

CERTIFICATE NO. AMM-6029

This is to certify that
NLMK DanSteel A/S
FREDERIKSVÆRK, Denmark

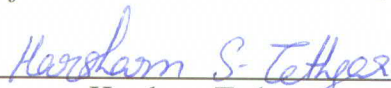
is an approved manufacturer of
Rolled Steel Products

in accordance with
Det Norske Veritas' Rules for Classification Pt. 2
Offshore Standard DNV-OS-B101

and the following particulars:

Product	Plates
Grades	Hull structural steels, see page 2
Steelmaking	Basic oxygen converter, continuous casting
Deoxidation	Killed
Fine grain elements	See page 2
Delivery conditions	See page 2
Max. thickness	See page 2


Place and date
Høvik, 2013-01-16
for DET NORSKE VERITAS AS


Harsharn Tathgar
Head of Section

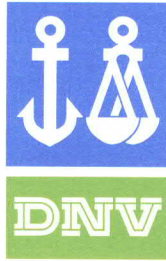


Local Office
DNV Copenhagen

This Certificate is valid until
2016-12-31


Bjørn Inge Andersen
Surveyor

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



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Particulars of the approval:

Grade	Fine grain elements	Delivery conditions ¹⁾	Max. thickness (mm)
NV A, NV B, NV AZ25, NV BZ25	Al	AR	50
	Al or Al+Nb	N	100
NV D, NV DZ35	Al or Al+Nb	N	100
NV E, NV EZ35	Al or Al+Nb	N	50
NV A27S, NV A27SZ35	Al+V+Ti	AR	12.5
	Al+Nb	N	60
NV D27S, NV E27S, NV D27SZ35, NV E27SZ35	Al+Nb	N	60
NV A32, NV A36	Al+V+Ti	AR	12.5
NV A32, NV D32, NV E32, NV A32Z35, NV D32Z35, NV E32Z35	Al+Nb	N	60
NV A36, NV D36, NV E36, NV A36Z35, NV D36Z35, NV E36Z35	Al+Nb	N	60

Remarks:

¹⁾ AR: As Rolled; N: Normalised