

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

ArcelorMittal Rodange & Schifflange S.A.
Site de Rodange
Rodange, Luxembourg

is an approved manufacturer of
Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product	Sections and bars
Grade(s)	Hot rolled steel for structural application
Fine grain elements	See particulars of the approval
Delivery conditions	Thermo-mechanical rolling
Max. thickness/diam.	See particulars of the approval
Remarks	See particulars of the approval

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until **2018-08-31**.

Issued at **Hamburg** on **2016-04-25**

DNV GL local station: **Antwerp**

Approval Engineer: **Christian Wildhagen**

for **DNV GL**

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Thorsten Lohmann
Head of Section

Particulars of the approval

Rolled steel products:

Grade	Product	Supply Cond.	Casting Method	Fine grain elements
Normal strength steel				
VL A	FO, ST	TM	CC	Al
High strength steel				
VL A32, VL A36	FO, ST	TM	CC	Al+Nb
VL D32, VL D36, VL E36	FO, ST	TM	CC	Si+Nb
Non-alloy structural steels acc. to EN 10025-2				
S235JR, S235J0, S275JR, S275J0, S355JR, S355J0, S355J2 S355K2, and equivalent steel grades	FO, ST	acc. to standard	CC	acc. to standard
Thermomechanical rolled weldable fine grain structural steels acc. to EN 10025-4				
S355M and equivalent steel grades	FO, ST	acc. to standard	CC	acc. to standard
Steel acc. to purchaser specification (subject to special approval)				
Fritenar 355 Fritenar 355 Offshore	FO, ST	TM	CC	acc. to standard

FO: Sections

ST: bars

TM: thermo-mechanically rolled

CC: continuous casting

Product	Dimensions
FO	Equal and unequal leg angles: L160 up to L300
ST	Square bars: 90x90mm up to 160x160mm