

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMM-7387
File No:
S-RSP
Job Id:
263.11-004960-1

This is to certify:

That

RUGUI OLVEGA S.L.U.
Olvega Soria, Spain

is an approved manufacturer of
Rolled Steel Products

in accordance with
Det Norske Veritas' Rules for Classification Pt. 2

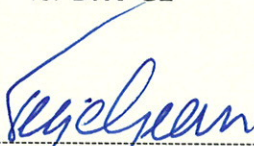
and the following particulars:

Product	Flat bars
Grades	Hull structural steel, see page 2
Steelmaking	Induction Furnace, Ladle Furnace, Continuous Casting
Deoxidation	Killed
Fine grain elements	See page 2
Delivery conditions	See page 2
Max. thickness/diam.	30 mm

Høvik, 2015-05-04
for **DNV GL**

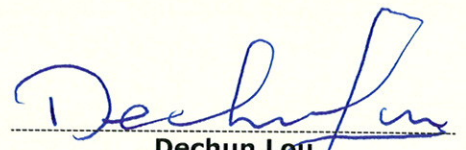


This Certificate is valid until
2019-06-30

for 

Hanne Anita Hjerpetjønn
Head of Section

DNV GL local office:
Bilbao



Dechun Lou
Surveyor

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Particular approval:

Steel Flat Bars

<i>Normal Strength Steels:</i>					
Grade	Steelmaking ¹⁾	Fine grain treatment	Delivery condition ²⁾	Max. thickness/diam. (mm)	Z-quality
NV A	IF + LF, CC	-	AR	30	-
<i>High Strength Steels:</i>					
Grade	Steelmaking ¹⁾	Fine grain treatment	Delivery condition ²⁾	Max. thickness/diam. (mm)	Z-quality
NV A32, NV D32, NV A36, NV D36,	IF + LR, CC	Al+V or V	NR	30	Z35

Remarks:

¹⁾ IF: Induction Furnace; LR: Ladle Furnace; CC: Continuous Casting.

²⁾ AR: As Rolled; NR: Normalising Rolling