

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00000NS
Revision No:
1

This is to certify:

That

**Nadezhdenskiy Metallurgical plant, PJSC
Serov, Sverdlovskiy region, Russian Federation**

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (ingots, billets), see page 2
Steel type	Carbon, Carbon-Manganese including Normal and Higher Strength Steel grades, see page 2
Steelmaking	Electric Arc Furnace, Ingot Casting
Deoxidation	Killed
Fine grain elements	Al or Al+V

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2018-06-08**

for **DNV GL**

This Certificate is valid until **2021-06-30**.

DNV GL local station: **St. Petersburg**

Approval Engineer: **Stefan Röhr**

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Thorsten Lohmann
Head of Section



Job Id: **263.11-004383-3**
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Particulars of the approval

Semi-finished products

Steel type	Product	Steel making ¹⁾	Delivery condition ²⁾
Carbon and Carbon-Manganese	Ingot / Billet	EAF, IC	AC
VL A, VL B	Ingot / Billet	EAF, IC	AC
VL A32, VL A36	Ingot / Billet	EAF, IC	AC
VL E32, VL E36	Ingot / Billet	EAF, IC	AC

Remarks:

- ¹⁾ EAF: Electric Arc Furnace; IC: Ingot Casting
- AC: As cast