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# DET NORSKE VERITAS

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## APPROVAL OF MANUFACTURER

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### CERTIFICATE

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CERTIFICATE NO. AMM-6415

*This is to certify that*  
**TRINECKÉ ŽELEZÁRNY, a.s.**  
TRINEC - STARÉ MESTO, CZECH REPUBLIC

*is an approved manufacturer of*  
**STEELMAKING**

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

*and the following particulars:*

Product	Semi-finished products: Blooms
Steel grades/types	Hull structural steels, see page 2 Carbon and carbon-manganese Alloy
Steelmaking	Basic oxygen converter, Continuous casting
Deoxidation	Killed
Fine grain elements	See page 2

*Place and date*  
Høvik, 2013-09-27  
for DET NORSKE VERITAS AS

† Hanne Anita Hjerpetjonn  
Head of Section

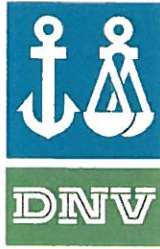


Local Office  
DNV Ostrava

*This Certificate is valid until*  
2017-12-31

  
Gorka Lozano  
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:

<i>Hull structural steels</i>		
Grades	Steelmaking <sup>1)</sup>	Fine grain treatment
NV A, NV B	BOC, CC	-
NV D, NV E, NVA32, NV D32, NV E32, NV A36, NV D36, NV E36, NV 4-4, NV 4-4L	BOC, CC	Al
		Al+Nb