



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Manufacturer	SeAH Changwon Integrated Special Steel Corporation
Address	147, Jeokhyeon-ro, Seongsan-gu, Changwon-si, Gyeongnam, 51708, South Korea
Type	Steel Making Semi-Finished Products Bars

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Clive Arnold

Metallurgy Team - Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

Steel making	E.A.F. / Con Cast	Grades		
-	-	As below		
Steel Making	E.A.F. / Ingot	Grades	Maximum Weight	Units
-	-	As below	150.00	Tonnes
Semi-Finished Products	Blooms	Grades	Maximum Thickness	Units
As cast	-	duplex stainless	390.00	mm
As cast	-	austenitic stainless	390.00	mm
As cast	-	carbon, carbon manganese	390.00	mm
As cast	-	alloy steel	390.00	mm
Semi-Finished Products	Ingots (tonnes)	Grades	Maximum Weight	Units
-	-	duplex stainless	17.50	Tonnes
-	-	austenitic stainless	150.00	Tonnes
-	-	alloy steel	150.00	Tonnes
-	-	Carbon-manganese	150.00	Tonnes
-	-	Carbon	150.00	Tonnes
Bars	Structural	Grades	Maximum Thickness	Units
Quenched and Tempered	Fine Grain Al	alloy steel	50.00	mm
Solution Treated	-	austenitic stainless	320.00	mm
As Rolled	-	duplex stainless	150.00	mm
As Rolled	Fine Grain Al	alloy steel	150.00	mm
As Rolled	Fine Grain Al	carbon, carbon manganese	150.00	mm
Bars	Machinery	Grades	Maximum Thickness	Units



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Approved Manufacturer of Steel Plates, Strip, Sections & Bars

As Rolled	Fine Grain Al	carbon, carbon manganese	150.00	mm
As Rolled	Fine Grain Al	alloy steel	150.00	mm

Additional Remarks

Approval includes Con-cast blooms to 390 x 490mm section dimensions.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

