



Mill Test Certificate

IS 2062 : 2011



CM/L-4039956

Certificate No. : 241205-FP01KS-0001A1-0024

Date of Issue : Dec., 26, 2024

Order No. : 01S7113057

PO No. : 01S7113057

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : STEEL PLATE

Customer : MOUNTING RENEWABLE POWER LIMITED

Spec & Type : IS-E350B0/EN-S355J0N

Size	Product No.	Quantity	Weight (kg)	Heat No.	Country of Melt & Pour	Position	Tensile Test			Tensile Test2			Impact Test	Bend Test	U.S.T	Division	Deoxidation	Chemical Composition								
							YP (MPa)	TS (%)	EL (%)	YP (MPa)	TS (%)	EL (%)	V Notch +0 °C Energy (Joule)					C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	B (ppm)	
22x2980x14051	PP60608402-8403	2	14,462	SU30902	KOR	T	382	550	30	394	550	30	1: 209 2: 191 3: 206 A: 202	Good	Good	L P	C	0.1549 0.1499	0.347 0.343	1.381 1.377	0.0104 0.0095	0.0032 0.0035	0.025 0.024	0.012 0.013	4 1	
22x2980x14051	PP60608301-8303	3	21,693	SU30902	KOR	M T	400	546	25	383	547	29	1: 204 2: 199 3: 220 A: 208	Good Good	Good	L P	C	0.1549 0.1499	0.347 0.343	1.381 1.377	0.0104 0.0095	0.0032 0.0035	0.025 0.024	0.012 0.013	4 1	
22x2980x14051	PP60607202-7203	2	14,462	SU30903	KOR	M T	388	545	29	388	546	29	1: 113 2: 138 3: 180 A: 144	Good Good	Good	L P	C	0.1564 0.1513	0.342 0.330	1.391 1.367	0.0135 0.0124	0.0039 0.0044	0.025 0.025	0.011 0.010	4 1	
22x2980x14051	PP60607103	1	7,231	SU30903	KOR	M T	392	549	30	395	549	29	1: 145 2: 118 3: 162 A: 142	Good Good	Good	L P	C	0.1564 0.1513	0.342 0.330	1.391 1.367	0.0135 0.0124	0.0039 0.0044	0.025 0.025	0.011 0.010	4 1	
*** Sub Total (200) ***		15	108,465 (kg)			M								Good												
CEQ (G) = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5																										
*** Heat Treatment ==> Normalizing rolling ***																										
We certified that the material described above fully conforms to IS:2062 : 2011 Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing and Inspection contained in the BIS Certification Marks LicenceNo.CM/L-4039956 are as indicated above against each order No. (PLEASE REFER TO IS 2062 : 2011 FOR DETAILS OF SPECIFICATION REQUIREMENTS)																										
*** Lot Total ***		15	108,465 (kg)			Lot No. ==> S3-P3																				

- * Position - T : Top, M : Middle, B : Bottom
- * Tensile Test. Direction : Transversal, Gauge Length : 5.65 √A₀ (Rectangular), YP Method : Upper Point
- * Tensile Test2. Direction : Transversal, Gauge Length : 5.65 √A₀ (Rectangular), YP Method : Upper Point
- * Impact Test. Direction : Surface Longitudinal, Full-Size : 10 mmX10 mm
- * Bend Test - Direction : Transversal, Angle : 180 °, Bend Ratio : D=2 t
- * U.S.T : Ultrasonic Test.
- * Division - L : Ladle Analysis, P : Products Analysis
- * Supply Condition : As-Rolled unless otherwise Heat Treated.
- * Deoxidation : A, W : Al-Killed. B, R : Rim-Cast. C, V, *Y* : Si+Al-Killed. P, S : Si-Killed



This material has been fully killed and made by basic oxygen process. This material is fine grained steel. This material has been made by vacuum degassing process. No repair welding was performed to the products, Test Certificate is issued according to ISO 10474/EN 10204 3.1. We, POSCO, hereby certify that the products specified in the present MTC have been fully processed in South Korea. (Facility and address information is stated below) We hereby certify that the material herein has been made in accordance with the order and above specification. Applicable code: IS 2062 : 2011, BIS Certification marks Licence No. CM/L-4039956

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

poscomtc@posco.com
+82-2-3457-0114

Surveyor To :

Kang, Deokgu

