



# Mill Test Certificate

IS 2062 : 2011



CM/L-4039956

Certificate No. : 241205-FP01KS-0001A1-0002

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 (MPa)	EL (%)	YP (MPa)	TS (MPa)	EL (%)	V Notch +0 °C Energy (Joule)	C (%)					Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	B (ppm)		
34,8x2692x14151	PP60654401-4402	2	20,812	SU30882	KOR	T	418	576	24	421	574	24	1: 102 2: 124 3: 149 A: 125		Good	L P	C	0.1603 0.1633	0.374 0.377	1.433 1.430	0.0127 0.0117	0.0039 0.0032	0.040 0.040	0.024 0.023	2 4		
34,8x2692x14151	PP60654201-4202	2	20,812	SU30882	KOR	T	406	572	28	421	574	24	1: 133 2: 160 3: 169 A: 154		Good	L P	C	0.1603 0.1633	0.374 0.377	1.433 1.430	0.0127 0.0117	0.0039 0.0032	0.040 0.040	0.024 0.023	2 4		
34,8x2692x14151	PP60654002	1	10,406	SU30882	KOR	T	433	581	24	421	574	24	1: 193 2: 204 3: 198 A: 198		Good	L P	C	0.1603 0.1633	0.374 0.377	1.433 1.430	0.0127 0.0117	0.0039 0.0032	0.040 0.040	0.024 0.023	2 4		
*** Sub Total (030) ***		13	135,278 (kg)													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 ***		13	135,278 (kg)				Lot No. ==> S1-P3																				
33,6x2980x14051	PP60596702	1	11,045	SU30885	KOR	T	396	566	25	405	568	26	1: 188 2: 178 3: 177 A: 181		Good	L P	C	0.1581 0.1510	0.371 0.378	1.421 1.418	0.0127 0.0129	0.0042 0.0045	0.036 0.038	0.015 0.016	3 2		
33,6x2980x14051	PP60602302	1	11,045	SU30885	KOR	T	396	566	25	405	568	26	1: 188 2: 178 3: 177 A: 181		Good	L P	C	0.1581 0.1510	0.371 0.378	1.421 1.418	0.0127 0.0129	0.0042 0.0045	0.036 0.038	0.015 0.016	3 2		

\* Position - T : Top, M : Middle, B : Bottom  
\* Tensile Test. Direction : Transversal, Gauge Length : 5.65 √A<sub>0</sub> (Rectangular), YP Method : Upper Point  
\* Tensile Test2. Direction : Transversal, Gauge Length : 5.65 √A<sub>0</sub> (Rectangular), YP Method : Upper Point  
\* Impact Test. Direction : Surface Longitudinal, Full-Size : 10 mmX10 mm  
\* 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.

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