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posco
MAHARASHTRA STEEL

Mill Test Certificate

Certificate No. : 231224-FAI3AN-0005A3-0001
Date of Issue : Jan., 05, 2024
Post Treatment : SP (Slidable Pre-phosphate)

Order No. : I3S2443355
PO No. : A1/2023/12/M&M/MASL/12695
Supplier : POSCO INDIA PUNE PROCESSING CENTRE PVT LTD
Commodity : GALVANNEALED COIL
Customer : MAHINDRA ACCELO LIMITED
Spec & Type : GA BH180

Size	Product No.	Quantity	Weight (kg)	Heat No.	Position	Tensile Test YP (MPa)	Tensile Test TS (MPa)	Tensile Test EL (%)	Strain Hardening Coefficient Test n	Strain Hardening Coefficient Test n90	Plastic Anisotropy Test r90	Plastic Anisotropy Test $\bar{r}$	Baked Hardening BH_2 (MPa)	Roughness Ra (μm)	Coating Weight (g/m²) Zn Upper	Coating Weight (g/m²) Zn Lower	Division	Chemical Composition C (%)	Chemical Composition Si (%)	Chemical Composition Mn (%)	Chemical Composition P (%)	Chemical Composition S (%)
0.7x1340xC	I3DP6358A	1	13,280	SQ43894_3	B	193	312	42	0.210	0.21	1.90	1.50	53	1	47.3	47.3	L	0.0016	0.028	0.147	0.0189	0.0094
*** Sub Total (020) ***		1	13,280 (kg)			< Not Welded >																
*** Grade Total ***		1	13,280 (kg)																			
*** Grand Total ***		1	13,280 (kg)																			

=== Last Item ===

25400 95, 96, 97, 98, 100, 101, 102

* Position - T : Top, M : Middle, B : Bottom
* Tensile Test: Direction : Transversal, Gauge Length : 80 mm(Rectangular), YP Method : Low Point
* Tensile test N classification : Elongation 4%~Ag
* Strain hardening coefficient N test classification : Elongation 4%~Ag
* Division - L : Ladle Analysis

We hereby certify that the material herein has been made in accordance with the order and is fully in compliance.
This material is fine grained steel.

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

Surveyor To :

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