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INSPECTION AND TEST PLAN

Sr. No	OPERATION	CHARACTERISTIC	REFERENCE DOCUMENTS / ACCEPTANCE	EXTEN OF CHECK	FORMATE OF RECORD	Scope of Inspection		
						P	R	
1	REVIEW OF MILL TEST CERTIFICATE	CHEMICAL ANALYSIS	ASTM MANUAL AND CUSTOMER P.O. SPECIFICATION	1 SAMPLE PER HEAT	MTC & TC	P	R	
2	MECHANICAL TESTING	TENSILE,HARDNESS & APPLICABLE MECHANICAL SPECIFIED TEST	ASTM MANUAL AND CUSTOMER P.O. SPECIFIED	EACH HEAT LOT/EACH HEAT NO.	MTC & TC	P	R	
3	TEST PIECE MARKING &	IF QTY.MORE THAN 500 Nos.						
		MARKING & PRODUCT ANALYSIS	AS PER CUSTOMER P.O. SPECIFICATION	TEST PIECE	TC	P	W	
4	DIMENSION CHECK	DIMENSIONS	AS PER STANDARD	5 % PER LOT	INSP. REPORT	P (100%)	W (10%)	
5	MARKING	VISUALLY MARKING	AS PER P.O.SPECIFICATION	100%	TEST CERTIFICATES	P	R	
6	WORKMANSHIP & FINISH & GALVANISING	SURACE FINISH & GALVANISING	AS PER REQUIRMENT	100%	TEST CERTIFICATES	P	R	
7	COLOUR/PAINT	COLOUR CODE	AS PER CUSTOMER P.O. SPECIFICATION	100%	--	P	R	
8	PACKING	PACKING COUNTING & DAMAGE PROTECTION	AS PER P.O.SPECIFICATION	100%	PACKING LIST	P	N.A.	
9	RELEASE NOTE	REVIEW	---	---	RELEASE NOTE	H	P	

LEGENDS: P = Perform, R = Review, W = Witness, MTC = Material Test Certificate, RW-Random Witness
REMARKS: 1] HEAT-TREATMENT APPLICABLE REVIEW HEAT CHART/RECORD.

Ground Floor, Plot #205/219, A- Wing, Godiji Buliding, Kika Street, Gulalwadi, Kalbadevi, Mumbai – 400002
• Tel No: + 919867551650 / + 912267439119 • Email: info@amplealloys.com • Web: www.amplealloys.com