

**QUALITY MONITORING INSTRUCTION (QMI)
FOR INSPECTION
(SRCG IM PHASE)**

Issue No : 01
Rev No:
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11/06/ 2021

Drq. No. Y17321A-00

Nomenclature ALUMINIUM ALLOY PLATE TO SIZE 127mm THICH X 340mm WIDTH X 445mm LENGTH.
IMP NOTE: ASSURE THAT GRAINS ARE IN LONGITUDINAL ORIENTATION. FOR CRADLE MOBILE & CRADLE BASE OF SRCG.

OFT/QMI/SRCG/
RM/Y17321A-00

Material Specification 6061-T6651 AMS-QQ-A-250/11

Nomenclature	Characteristics	Class	Type of check	Quantum of check	Reference document	Acceptance norms	Format of record	Inspection by QAE(N), Chennai or by Nominated Agency (Review/Witness)	Remarks
ALUMINIUM ALLOY PLATE TO SIZE 127mm THICH X 340mm WIDTH X 445mm LENGTH. (Raw material)	Conditions of Supply (Heat Treatment)	Non Critical	Mechanical Lab analysis	100%	As per Specification / As per Contract / Drawing.	As per Specification / As per Contract / Drawing.	Firm inspection report	W	Firm will be undertaking 100 % Checks and Pre inspection Report for the same be submitted
	Dimensional Tolerances	Non Critical	Measuring Instruments	100%			Firm inspection report	W	
	General appearance	Non Critical	Visual	100%			Firm inspection report	R	
	Chemical properties	Non Critical	Chemical Lab analysis	One sample per heat			Test report from NABL lab	R	
Mechanical properties	Non Critical	Mechanical Lab analysis	Test report from NABL lab		R				
Test Piece Hardness	Non Critical	Mechanical Lab analysis	Test report from NABL lab		R				
	NMIR & MACRO	Critical	Mechanical Lab analysis		As per Contract / Drawing (if applicable)	As per Contract / Drawing (if applicable)	Test report from NABL lab	R	Sample will be drawn and sealed by Inspection Agency

Note 1. Packing: The Packing of the Material shall be done in such a manner to avoid corrosion and damage in handling and transit.

2. Marking: Each Packing shall be legibly marked with manufacturer's identity, Qty, Heat No, OFT Supply order No etc.

3. Raw material sample minimum of 300mm should be supplied for cross verification along with the first supply of stores.

4. Parameters mentioned in Drawing/Contract shall prevail over parameters in Specifications in case of any difference.