

QUALITY ASSURANCE PLAN (M2HB GUN IM PHASE)									Issue No : 01 Rev No: 00
									Date of Issue / / 2021
Drg . No.	6147893								
Nomenclature	SLIDE, RETRACTING ,OOW50BMG. : REQD.FOR SLIDE ASSEMBLY RETRACTING (11010439)								
Material	WROUGHT STEEL, ASTM A108: 1018, 1118. CASTING: IRON, MALLEABLE, PERALITIC, ASTM A220, GRADE 45006 OR IRON, DUCTILE CASTING, ASTM A536, GRADE 80-55-06 OR ASTM A536, GRADE 65-45-12.								
Component Nomenclature/ operations	Characteristics	Class	Type of check	Quantum of check	Reference document	Acceptance norms	Format of record	Inspection by NAI / GM/OFT (Review/Witness) (*)	Remarks
Slide, Retracting (Raw material)	General appearance	Non Critical	Visual	100%	WROUGHT STEEL, ASTM A108: 1018, 1118. CASTING: IRON, MALLEABLE, PERALITIC, ASTM A220, GRADE 45006 OR IRON, DUCTILE CASTING, ASTM A536, GRADE 80-55-06 OR ASTM A536, GRADE 65-45-12.		Firm Inspection report	R	Sample will be drawn and sealed by Inspection Agency
	Chemical properties	Non Critical	Chemical Lab analysis	100%			Test report from NABL lab	R	
	Mechanical properties	Non Critical	Mechanical Lab analysis	100%			Test report from NABL lab	R	
Heat Treatment	Mechanical properties	Non Critical	Mechanical Lab analysis	100%	As per Drawing 6147893		Test report from NABL lab	R	Firm will be undertaking 100 % Checks and Pre inspection Report for the same be submitted
Protective Finish	General appearance	Non Critical	Visual and Dimensional Checks	100%	MIL-STD-171	Finish 5.3.1.2 (or) 5.3.2.2	Test report from NABL lab	R	
In process -As per Drawing 6147893	Dimensions Specified in the Inspection report of the component	Non Critical	Dimensional measurement	100%	As per Drawing 6147893		Firm Inspection report	R	
Final Inspection	General appearance	Non Critical	Visual and Dimensional Checks	100%	As per Drawing 6147893		Firm Inspection report	W	

(*) Note : As per the MoU No: OFT / SRCG / M2HBGun / MoU /01 Dt: 20.09.2021, Clause No. 3(b), Sub clause (i) is applicable for In-House manufacturing and inspection by GM/OFT. Sub clause (ii) is applicable for out sourced components. JRI will be done by NAI & OFT on sampling basis.
For springs: (i) Trade : Raw material to finished product QA by NAI. (ii) In house : Dimension inspection and Load test on sampling basis by NAI.

NA Arumugam
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 Civilian Technical Officer (Mech)
 for Principal Inspector Of Naval Armament
 Tiruchirappalli.

OFT
G.DEVENDIRANE, I.O.F.S.
 ASST. WORKS MANAGER
 GOVT. OF INDIA, MIN. OF DEFENCE
 ORDNANCE FACTORY
 TIRUCHIRAPPALLI, TAMILNADU