QUALITY MONITORING INSTRUCTION FOR INSPECTION

Issue No: 01 **Rev No:** Date of Issue / 2021

C 2016 (COMPENSATOR)

OFT/MI/30mm/C 2016

Rev.No **Amendment** Date

MATERIAL SPECIFICATION :

Sheet B-1, GOST 19904-74 / 4-III-50, GOST-16523-70

INDIGENOUS MATERIAL

BS 1449 PT.1 1983 SEC.4 GRADE. CS 60 (OR)

CONDITION OF SUPPLY

IS:2507-1975 Grade 2, DESIGN 55C6. FULL FINISHED WITH FIRM'S MATERIAL.

END USE

30mm CANNON.

INSPECTION CHECK TO BE CARRIED OUT

SL NO	CHARACTERISTICS		ole 'A'
1.	Visual	SPECIFICATION / REQUIREMENT The Component shall be free from defects such as rust, scale, burrs and any other harmful defects.	SAMPLE SIZE
2.	Dimension	100% Dimension to check is par decision	100%
3.	Chemical Composition (%)	E-3, GOST 19904-74 / 4-III-50, GOST-16523-70 [Refer GOST 1050-74] C = 0.47-0.55	One Sample Per Heat

				<u>C 2016</u>	
		6-3, GOST 19904-74 / 4	I-III-50, GOST-16523-70		
		Tensile Strength	55-73 Kgf/mm ²		
		Relative Elongation	13% (Min)		
	Mechanical Properties	BS 1449 PT.1 1983 SEC.4 GRADE. CS 60			
4.		Hardness	280-530 HV (Max)		
		IS 2507:1975, Gr.1 Design. 55C6		One Sample	
		Tensile Strength Yield Stress Elongation Hard ress	1180-1420 N/mm ² 1030 N/mm ² (Min) 6% (Min.) 350-425HV.	Per Heat	
5.	Other Tests	Decarburization Test,			
6.	Hardness	38 5 45 5 Up a d	Decarburization Test, Bend Test are carried out as per material		
7.	Protective Finish	38.5-45.5 HRC (as per Accelerated electrole with Oiling.			
8.	Packing	THE Packing of the M	Each		
9.	Marking	Lacii Packing shall			
		Identity , Qty, Heat N	damage in handling and transit. be legibly marked with manufacturer's lo, OFT Supply order No etc.,	5	

U.MANGALASAMY HOS/STD.CELL CHECKED

L.S. ASHA HOS / QCM CHECKED

V.RAVEENDAR JWM/STD.CELL PREPARED

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A.K SINGH AGM / (WP & MAINT) APPROVED