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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~

FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)	QUALITY OF WELD JOINTS REF, RD 230 MEDIUM
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VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.

WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96	STATUS:
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TECHNICAL REQUIREMENTS:

- MICRO CONTROLLER BASED ELECTRONIC SPEED INDICATING & RECORDING SYSTEM SUITABLE FOR 110V DC CONFORMING TO RDSO SPECN. MP-0-3700-07 (REV.6) OF OCT-2015 OR LATEST FOR DIESEL ELECTRIC TOWER CAR (DETC) OF INDIAN RAILWAYS (IR)
- SPEED DEPENDENT CONTACTS FOR (0-2),10,15 & 110 KMPH SHALL BE PROVIDED.
- SCOPE OF SUPPLY OF ITEMS SHALL INCLUDE THE FOLLOWING:

SL. NO.	DESCRIPTION	QUANTITY / SET
1)	RECORDER CUM INDICATOR UNIT {SPEED SCALE RANGE:(0-160) KMPH}	1 No.
2)	INDICATOR UNIT {SPEED SCALE RANGE:(0-160) KMPH}	1 No.
3)	SPEED SENSOR UNIT	1 No.
4)	JUNCTION BOX	1 No.
5)	<u>INTER CONNECTING CABLES CONSISTING OF THE FOLLOWING:</u> SIGNAL CABLE FROM JUNCTION BOX TO RECORDER L=7 MTRS CABLE FROM SPEED SENSOR TO JUNCTION BOX L=2.2 MTRS POWER CABLE FROM BATTERY TO RECORDER L=7 MTRS INTERCONNECTING CABLE BETWEEN ITEMS AT SL. NO. 1 & 2 L = 35 MTRS	1 SET
6)	MOUNTING ACCESSORIES ALONG WITH FIXING HARDWARES SUITABLE FOR WALL MOUNTING	1 SET
7)	OPERATING & MAINTANANCE MANUAL	1 SET

NOTE:

- ITEM SHALL BE PROCURED FROM RDSO APPROVED SOURCES ONLY.
- FIRM SHALL SUBMIT TYPE TEST VALIDITY CERTIFICATE DURING TENDERING.
- FIRM SHALL SUBMIT ROUTINE TEST CERTIFICATE DURING SUPPLIES.

N1	0.025
N2	0.05
N3	0.1
N4	0.2
N5	0.4
N6	0.8
N7	1.6
N8	3.2
N9	6.3
N10	12.5
N11	25
N12	50
GRADE No.	
VALUE	
SYMBOL	
SURFACE ROUGHNESS	

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	8W DETC (BG) IR			
			REF DRG				
			MATERIAL	NA			
			HEAT TREAT.	APPD	SHASHIKANTH K.C	30/09/2016	
			SURFACE TREAT.	REVD	LAKSHMI V.S	30/09/2016	
			TITLE	CHKD	JAYARAMU.S	29/09/2016	
			SPEED INDICATOR SYSTEM	DRWN	JK YADAV	29/09/2016	
				SCALE		SHEET	Wt.(Kg)
				NTS		1 OF 1	0
			DRG No.	94321108			
			ALT	1			



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