

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

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)										
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C										
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										
STATUS:										QUALITY OF WELD JOINTS REF. RD 230 MEDIUM

TECHNICAL REQUIREMENTS :

1. DESCRIPTION:
INDICATION OF PRESENCE / ABSENCE OF 25KV, 50 HZ AC POWER IN OVERHEAD TRACTION LINE WITHOUT RAISING PANTOGRAPH

2. APPLICATION:
FOR INSTALLATION ON DIESEL ELECTRIC TOWER CAR (DETC) OF INDIAN RAILWAYS

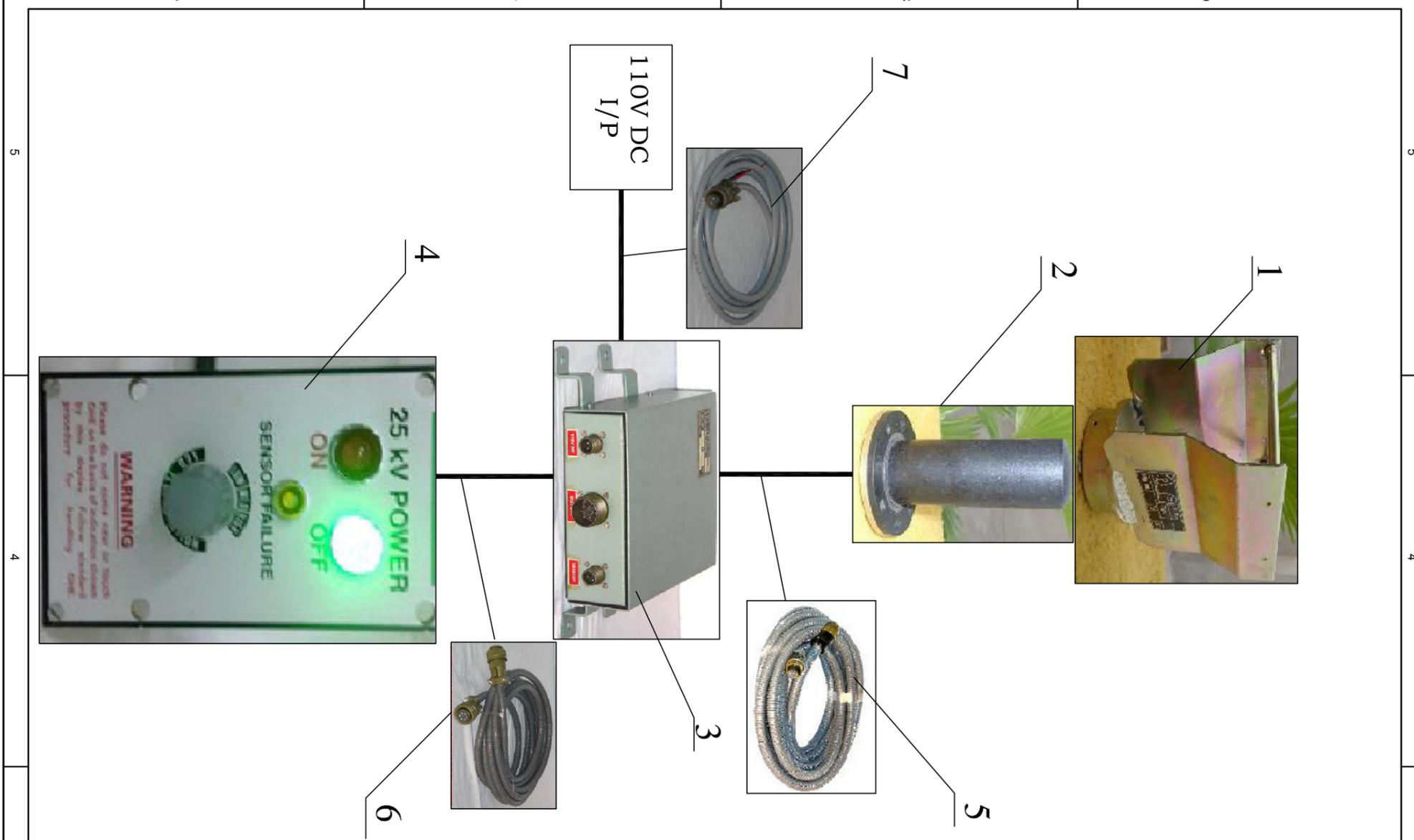
3. SCOPE OF SUPPLY:

SL. No.	DESCRIPTION	QTY/SET
1	SENSOR MOUNT WITH GUARD	1 No.
2	SEALED SENSOR	1 No.
3	CONTROL CUM POWER SUPPLY UNIT	1 No.
4	DISPLAY UNIT (OHE ON/OFF, SENSOR FAILURE) WITH ADJUSTMENT FOR LED ILLUMINATION LEVEL	1 No.
5	INTER CONNECTING CABLE (FROM SENSOR TO POWER SUPPLY UNIT) OF LENGTH 5MTRS. ASSEMBLED WITH SUITABLE END CONNECTORS.	1 SET
6	INTER CONNECTING CABLE (FROM POWER SUPPLY UNIT TO DISPLAY UNIT) OF LENGTH 5MTRS. ASSEMBLED WITH SUITABLE END CONNECTORS	1 SET
7	POWER SUPPLY CABLE (110V DC I/P AVAILABLE IN DETC TO CONTROL CUM POWER SUPPLY UNIT) OF LENGTH 5MTRS. ASSEMBLED WITH SUITABLE END CONNECTORS.	1 SET
8	OPERATION & MAINTENANCE MANUAL	1 SET

4. SPECIFICATION :
COMPLETE EQUIPMENT SHALL CONFORM TO CLW SPEC. CLW/ES/1-25 FOR 25KV AC OHE POWER PRESENCE/ABSENCE INDICATOR.

5. NOTE :
ITEM SHALL BE PROCURED FROM CLW APPROVED SOURCES ONLY.

UN CONTROLLED COPY



SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I/S	WT. (kg)
			8W DETC			
			PRODUCT			
			REF DRG			
			MATERIAL			
			HEAT TREAT.			
			SURFACE TREAT.			
			TITLE			
			APPD	SHASHIKANTH		14.09.16
			REVD	LAKSHMI V.S		14.09.16
			CHKD	JAYARAM.S		13.09.16
			DRWN	RESHMA		12.09.16
			SCALE			
			SHEET			
			OF			
			WT.(kg)			0

OHE SENSING DEVICE

BEML LIMITED

943-21105

DRG No. **943-21105** ALT