

ISO 9001-2015	STR of Auto Dialling System for Emergency Socket No. TCQ0032	Version - 1.0	Date Effective - 19.05.2021
Document Title- Auto Dialling System for Emergency Socket			

GOVERNMENT OF INDIA MINISTRY OF RAILWAYS



सत्यमेव जयते

INDIAN RAILWAY
STANDARD SPECIFICATION
Schedule of Technical Requirement (STR)
For
AUTO DIALLING SYSTEM FOR EMERGENCY SOCKET
Specification No. IRS:TC-83-20
Version -1.0

ISSUED BY
TELECOM DIRECTORATE
RESEARCH DESIGNS & STANDARD ORGANISATION
MANAK NAGER ,LUCKNOW-226011

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	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURES			
DATE			
DESIGNATION	JE/Tele	JD/Tele-II	ED/Tele-I

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0. FOREWORD:

0.1 Schedule of technical requirement (STR) for production of item Auto Dialling System for Emergency Socket in RE Area as per specification IRS: TC- 83-20.

1. Machinery & Plant:	Qty.
1.1 Coil Winding Machine	01
1.2 Vacuum Impregnation Plant.	01
1.3 Drill Machine	01
1.4 DG set 10 KVA (As requirement of Power)	01
1.5 Grinding Machine	01
1.6 Bench Vice	01
1.7 Varnish Spray Gun	01
1.8 Temperature Controlled Gun	
2. Test Instruments & Tools:	
2.1 Digital multimeter (three and half digit)	02
2.2 High Voltage Tester, 50 Hz/5KV	01
2.3 Insulation Resistance Tester 100 V, 250 V, 500 V steps	01
2.4 Distortion Tester	01
2.5 Function Generator 20 KHz or more	01
2.6 Attenuator upto 100 dB	01
2.7 dB Meter 60 dB	01
2.8 CRO storage type 1MHz	01
2.9 DC Power Supply (Variable, 0-30V/2A)	As required
2.10 Scale (Steel, 1 Foot)	As required
2.11 Sound Level Meter	01
2.12 Vernier Caliper	01
2.13 Screw Guage	01
2.14 LCR Meter	01
2.15 IC Tester Optional	01
2.16 DTMF Code Tester Optional	01
2.17 Soldering Iron	01
2.18 Screw Driver, Pliers, Cutter, Wire Srtipper,	01
2.19 Resistance 100Ω, 200Ω, 300Ω, 471Ω, 560Ω, 600Ω, 1120Ω	As required

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