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No. STI/TYP/PIJF/424



सत्यमेव जयते

भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226011
Government of India Ministry of Railways
Research Designs & Standards Organisation
Lucknow - 226011



1. The GM/S&T, GM/S&T, Construction,

Date: 24.02.03

- Central Railway, Mumbai CST
- Eastern Railway, Fairlie Place, Kolkata
- Northern Railway, Baroda House, New Delhi
- North Eastern Railway, Gorakhpur
- North East Frontier Railway, Maligaon, Guwahati
- Southern Railway, Park Town, Chennai.
- South Central Railway, Rail Nilayam, Secunderabad
- South Eastern Railway, Garden Reach, Kolkata
- Western Railway, Church gate, Mumbai
- North Western Railway, Jaipur
- East Central Railway, Hajipur

2. CORE, Nawab Yusuf Road, Allahabad
3. CPA/IRCOT, Behind Shanker Market, New Delhi
4. The Director/IRISET, Secunderabad.

Sub: Amendment No.1 of February 2003 to Specification No. IRS: TC 41-97
for Polythene Insulated Polythene Sheathed Jelly Filled Telephone Cable
with Poly-Al Moisture Barrier.

Amendment No. 1 for the above specification is enclosed herewith for reference
and record.

Enc: As above.

(Prasant Chauhan)
For Director General/Telecom

Copy to:

1. The Secretary/Telecom, Railway Board, Rail Bhawan, New Delhi
2. OSD/S&T, NCR/ALD, SWR/SBC, ECoR/Bhubaneshwar, WCR/Jabalpur,
NWR/Jaipur, ECR/Hajipur.
3. The GM/MTP, Metro Railway, Metro Bhawan, 33/1, Chowringhee Road,
Kolkata.
4. The Senior Professor (S&T), Railway Staff College, Vadodara.

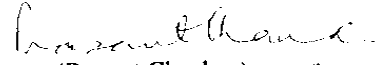
5. The Director/Inspection (S&T), RDSO :-

- Shivaji Bridge, Behind Shanker Market, New Delhi-110001
- 4th Floor, West Wing, 17, NS. Road, Kolkata-700001.
- Ground Floor, DRM Office Bldg., S. Railway, Bangalore-560023.
- Church gate Station Building, 1st Floor, W.Rly, Mumbai-400022.

6. All PIJF approved vendors.

7 ED/ETGA

Enc: As above.



(Prasant Chauhan) 21 2 2018
For Director General/Telecom

**AMENDMENT NO.1 OF FEBRUARY 2003 TO INDIAN RAILWAY STANDARDS
SPECIFICATION FOR POLYTHENE INSULATED POLYTHENE SHEATHED
JELLY FILLED TELEPHONE CABLE WITH POLY-AL MOISTURE BARRIER**

SERIAL NO. TC 41-97

1. Clause 4.3 (v) shall be read as follows

VOLUME RESISTIVITY – Minimum 1×10^{15} Ohm cm

2. TABLE-8 (SAMPLING PLAN FOR ACCEPTANCE TEST)

Following clauses of Table-8 are modified /newly added as

SN	Inspection Item & Clause No.	Sample Size (No. of drums)	No. of test pieces to be taken from each drum
2	Visual Examination (Cl. 29.0)	5% subject to min of 1 drum	Drums shall be selected from each size of conductor dia.
21 (Already existing in acceptance test but not appearing in sampling plan)	Oxidation Induction Test for Sheath and Jacket (Cl. 20.8)	Min. one drum of each size of conductor dia	One specimen each from sheath and jacket.

3. For WPT test appearing at SN 17 of Table-8, sample size (no. of drum) shall remain as 100% but the rejection/acceptance criterion for the lot offered for inspection to inspecting authorities shall be as under: -

Lot Size/No. of Drums	Acceptance Criterion	Rejection Criterion
Lot consisting of less than 20 drums	≤ 1 drum. Lot shall be accepted & I/C issued but simultaneously rejection advice for the particular drum failed in WPT test shall also be issued.	> 1 drum. Lot shall be rejected
Lot consisting of more than 20 drums	$\leq 5\%$ of total no. of offered drums. Lot shall be accepted & I/C issued but simultaneously rejection advice for the particular drum failed in WPT test shall also be issued.	$> 5\%$ of total no. of the offered drums. Lot shall be rejected.

Prasad Chandra
21/7/2003
Di. Tele