

Annexure “A”

Amendment No. 1.1 (including Amendment No. 1) to Specification No. IRS: TC 55-2006 (Rev. 1) for 24 Fibre Armoured Optical Fibre Cable:

1. The existing Clause No. 7.3.2 (g) shall be substituted as given blow:
Hardness (≥ 70 shore D) as per ISO 868
2. The existing Clause No. 7.4 (h) shall be substituted as given blow:
Flexural modulus (≥ 5000 kg/mm²) as per ASTM D 790.
3. The existing Clause No. 7.4 (i) shall be substituted as given blow:
Coefficient of thermal expansion $\leq (6.6 \text{ E}-06)\text{cm}^{\circ}\text{c}$ As per ASTM D 696.
4. The existing Clause No. 8.2, l) 6) shall be substituted as given blow:

6.	Physical test	Cl. 5.2.1, Cl. 5.2.5, Cl. 5.2.6.4, Cl. 5.2.8	To be done on both the end of both the drums.
		Cl. 5.2.6.2	To be conducted on 2 samples of leftover spools of corrugated tape used for manufacturing the both drums of cable.

5. The existing Clause No. 8.3(V) shall be substituted as given blow:

V.	Physical Tests	Cl 5.2.1(a), Cl. 5.2.5, Cl. 5.2.6.4, Cl. 5.2.8	10% of the nos. of offered drums, subject to minimum of 2 drums. Tests are to be conducted on both ends of the drums.
		Cl. 5.2.6.2	To be conducted on 5 samples of leftover spools of corrugated tape used for manufacturing particular lot of cable.

6. The existing Clause No. 8.3(VIII) shall be substituted as given blow:

VIII.	Tests on finished Cable	Cl. 7.1(b)	Two drums per lot of finished cables.
		Cl. 7.2 (a), (b), (d), (e), (f), (g) & (h)	5% of the nos. of offered drums subject to minimum two drums.
		7.4a), b), c), e) Cl. 7.3.1(c), (d) OR Cl. 7.3.2 (c), (d)	One drum per lot of finished cable.

7. The existing Clause No. 8.4 shall be substituted as given blow:

Routine test result for Cl. 5.1.3 (a), 5.1.3 (b), 5.1.4, 5.1.5, 5.1.6, 5.2.1(a), 5.2.6.2, 5.2.6.4, 5.2.6.6, 5.2.8, 5.5 & 5.6 on all the offered drums.

8. Following clause is deleted :

Clause 8.2 II) 20) h) i.e Relative permitivity.

9. A new Clause 8.5 for Change of Raw Material is to be included.

Clause 8.5: **Change of Raw Material:**

Raw materials are to be used only from approved sources of CACT wing of BSNL. In case cable manufacturer wants to change raw material/ materials other than mentioned in Type Approval Certificate (TAC), manufacturer shall have to obtain prior permission from RDSO, Lucknow. All those tests related to changed raw material/ materials and required tests on finished cable shall be carried out by inspecting authority of RDSO on two drums of cable and necessary corrigendum to Type Approval Certificate (TAC) shall be issued.

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