

Government of India  
Department of Telecommunication  
Telecommunication Engineering Centre  
FA Division  
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001.

File No. 07-09/2024-FA/TEC

Dated: 07.01.2025

**Subject: Notice for invitation for joint Sub-DCC & MF meeting of FA division to be held on 20<sup>th</sup> January 2025 in respect of revision of GRs on (1) Permanently lubricated HDPE telecom Ducts for use as underground optical fibre cable conduits, TEC 72030:2019 (Old No. TEC/GR/FA/CDS-008/04/AUG-19), (2) Micro Duct For Indoor & outdoor Applications, TEC 72040:2020 (Old No. TEC/GR/FA/MDS-001/02/MAR-20) and (3) Double Walled Corrugated HDPE Ducts (DWC), TEC 72020:2019 (Old No. TEC/GR/FA/DWC-034/02/AUG-19).**

1. It proposed to hold joint sub DCC and Manufacturer Forum Meeting of FA division on **20<sup>th</sup> January 2025 at 03:00 P.M. onwards in online mode only** to discuss the revision of above mentioned GR documents.
2. The details of meeting link are as below:
  - **Name :** Sub DCC & MF meeting of FA division for revision of GRs, TEC 72020, 72030, 72040
  - **Meeting date & time :** Monday, 20<sup>th</sup> January 2025, 03:00 PM
  - **Meeting link:** (<https://cdotmeet.cdote.in/vmeet/rooms/z0v-m4a-znr-ycy/join> )
3. The electronic copy of draft GR is enclosed for your reference, study and technical inputs/comments on technological advancements and changes in relevant standards.
4. Further, on the basis of the interactions with the OEMs/ Manufacturers/ TSPs, FA Division is considering the following proposals in respect of the aforesaid GRs:-

TEC GR No.	Clause No.	Clause Description	Comments, if any
<u>72030:2019</u>	6.4	Fresh technical specification evaluation shall be obtained whenever grade/source of raw material(s) is changed.	Fresh Type Approval/TSEC is not required in case the grade/source of raw material(s) like HDPE resin or Solid Lubricant, is changed. OEMs/ Manufacturers shall inform the purchaser whenever grade/source of raw material (s) is changed, alongwith valid source approval certificate in

			accordance with the provision of clause 3.3 above.
<u>72030:2019</u>	3.2 (f)	The raw material used in the manufacture of the duct shall be such that the service life of the duct and all its accessories can be expected to be more than 50 years including the life of permanent lubricant.	The raw material used in the manufacture of the duct shall be such that the service life of the duct and all its accessories can be expected to be more than 50 years including the life of permanent lubricant. Note: Certificate from resin manufacturer shall be submitted in support of 50 years of life.
<u>72040:2020</u>	6.1.1- Note	Note: The HDPE material used in the manufacturing of Outdoor application Microducts shall have source approval of accredited lab (in accordance with international standard). The source approval for the HDPE resin raw material will be granted by accredited lab if the material conforms to above clause No.3.2.1A.	(To be replaced by new clause 6.2) <b>Source approval:</b> The HDPE resin raw material used in the manufacturing of Outdoor application Microducts shall have source approval of CACT/ TEC designated CAB/Accredited laboratory. The source approval for the HDPE resin raw material will be granted by CACT/ TEC designated CAB/Accredited laboratory if the material conforms to above clause No.3.2.1A.
<u>72040:2020</u>	9.2	Fresh Type Approval/TSEC shall be obtained whenever grade/source of raw material HDPE resin or Solid Lubricant is changed.	Fresh Type Approval/TSEC is not required in case the grade/source of raw material(s) like HDPE resin or Solid Lubricant, is changed. OEMs/ Manufacturers shall inform the purchaser whenever grade/source of raw material (s) is changed, alongwith valid source approval certificate in accordance with the provision of clause 6.2 above.
<u>72020:2019</u>	6.2	Fresh technical specification evaluation shall be obtained whenever grade/source of raw material HDPE resin is changed.	Fresh Type Approval/TSEC is not required in case the grade/source of raw material(s) like HDPE resin or Solid Lubricant, is changed. OEMs/ Manufacturers shall inform the purchaser whenever grade/source of raw material (s) is changed, alongwith valid source approval certificate in accordance with the provision of clause 3.2 (f) above.

5. You may send your comments as per format at **Annexure -A** on the various clauses of the enclosed existing GRs and on the above proposals, if any, in advance positively by **15.01.2025** to [adgfa-tec-dot@gov.in](mailto:adgfa-tec-dot@gov.in) with copy to [rafa.tec-dot@govcontractor.in](mailto:rafa.tec-dot@govcontractor.in); [dirfa.tec@gov.in](mailto:dirfa.tec@gov.in) and [ddgfla.tec@gov.in](mailto:ddgfla.tec@gov.in) .

( Deo Pratap )  
AD (FA)

Encl: 1. Existing GRs as above.  
2. Annexure-A.

To

1. All Sub-DCC/Manufacturer Forum Members.
2. Concerned Manufacturers/Vendors/organisations.
3. AD (IT), TEC for uploading the notice on TEC web site.

**ANNEXURE-A**

**NAME OF .....(MEMBER/MANUFACTURER)**

**I. COMMENTS ON Permanently lubricated HDPE telecom Ducts for use as underground optical fibre cable conduits, TEC 72030:2019**

<b>Clause No.</b>	<b>Clause Description</b>	<b>Comments, if any</b>	<b>Remarks, if any</b>

**II. COMMENTS ON Micro Duct For Indoor & outdoor Applications, TEC 72040:2020**

<b>Clause No.</b>	<b>Clause Description</b>	<b>Comments, if any</b>	<b>Remarks, if any</b>

**III. COMMENTS ON Double Walled Corrugated HDPE Ducts (DWC), TEC 72020:2019**

<b>Clause No.</b>	<b>Clause Description</b>	<b>Comments, if any</b>	<b>Remarks, if any</b>