

---

# Generic Requirements for Optical Fiber Connector Cleaning Products

## Contents

[Telcordia GR-2923 - Documentation Information](#)

Preface .....	Preface-1
1. Introduction.....	1-1
1.1 Purpose and Scope .....	1-1
1.2 Structure and Use of This Document .....	1-1
1.3 Requirements Terminology .....	1-2
1.4 Requirement Labeling Conventions.....	1-2
1.4.1 Numbering of Requirement and Related Objects .....	1-2
1.4.2 Requirement, Conditional Requirement, and Objective Object Identification .....	1-3
2. General Information.....	2-1
2.1 Concerns of Cleaning .....	2-1
2.2 Classes of Cleaning Products .....	2-1
2.2.1 Clean the Connector Plug With Plug Removed From the Adapter ...	2-1
2.2.2 Clean the Adapter With Both Connector Plugs Removed From the Adapter .....	2-1
2.2.3 Clean the Connector Endface With the Connector Plug Inserted Into the Adapter .....	2-2
2.2.4 Clean the Adapter With One Connector Plug in the Adapter .....	2-2
3. General Requirements.....	3-1
3.1 Documentation .....	3-1
3.2 Work Center Information Package.....	3-2
3.3 Safety.....	3-2
3.4 Product Markings, Packaging and Shipping .....	3-2
3.4.1 Product Markings .....	3-2
3.5 Mechanical Design Criteria.....	3-3
3.5.1 Materials.....	3-4
3.5.1.1 Toxicity .....	3-4
4. Operational Criteria.....	4-1
4.1 Cleaning Requirements .....	4-1
4.2 Environmental Requirements .....	4-2
4.2.1 Storage / Shipment .....	4-2
4.2.2 Storage / In Use .....	4-2
4.2.3 Operation.....	4-2
5. Performance Verification Test Procedures .....	5-1

---

5.1	Cleaning Requirements .....	5-1
5.1.1	Dust .....	5-1
5.1.2	Grease.....	5-2
5.1.3	Mineral Deposits .....	5-2
5.1.4	Dust and Grease .....	5-2
5.1.5	Endface Damage Test .....	5-3
5.1.6	Testing Different Classes of Cleaning Product.....	5-3
	5.1.6.1 Cleaning Connectors Inside Adapters.....	5-3
	5.1.6.2 Causing Adapter Contamination.....	5-4
5.2	Environmental Requirements .....	5-4
5.2.1	Storage / Shipment .....	5-4
5.2.2	Storage / In Use.....	5-4
5.2.3	Operation.....	5-5
References	.....	References-1
Glossary	.....	Glossary-1

## List of Tables

Table 5-1.	Particle Size Distribution .....	5-1
Table 5-2.	Chemical Composition .....	5-2