

Verizon NEBS™ Compliance: TPR Master Document List

Verizon Technical Purchasing Requirements

VZ.TPR.9103

Issue 19, April 2017

CHANGE CONTROL RECORD:

Version	Date	Action*	Reason for Revision
1	5/9/2007	New	New document.
2	5/11/2007	Add	VZ.TPR.9447 added to document list
3	5/23/2007	Add	VZ.TPR.9504 added to document list
4	6/8/07	Add	VZ.TPR.9434 and VZ.TPR.9448 added to document list
5	8/20/2007	Add	VZ.TPR.9304, VZ.TPR.9411, VZ.TPR.9421, VZ.TPR.9426, VZ.TPR.9428, VZ.TPR.9435, VZ.TPR.9440, VZ.TPR.9444, VZ.TPR.9445, VZ.TPR.9450, VZ.TPR.9451 and VZ.TPR.9505
6	8/22/2007	Add	VZ.TPR.9403, VZ.TPR.9405, VZ.TPR.9408, VZ.TPR.9420, VZ.TPR.9427 and VZ.TPR.9442
7	10/15/2007	Add	VZ.TPR.9409, VZ.TPR.9413, VZ.TPR.9417, VZ.TPR.9419, VZ.TPR.9429, VZ.TPR.9436, VZ.TPR.9437, VZ.TPR.9601 and VZ.TPR.9701
8	11/26/2007	Add	VZ.TPR.9204, VZ.TPR.9407, VZ.TPR.9418, VZ.TPR.9430, VZ.TPR.9431 and VZ.TPR.9432
9	3/19/2008	Add	VZ.TPR.9305, VZ.TPR.9439 and VZ.TPR.9506
10	4/25/2008	Add	VZ.TPR.9424 and VZ.TPR.9425
11	11/18/2008	Add	VZ.TPR.9205, VZ.TPR.9433, VZ.TPR.9438, VZ.TPR.9443, VZ.TPR.9446, VZ.TPR.9452, VZ.TPR.9453, VZ.TPR.9454 and VZ.TPR.9802
12	1/26/2009	Add	VZ.TPR.9206, VZ.TPR.9207, VZ.TPR.9306, VZ.TPR.9307, VZ.TPR.9455, VZ.TPR.9702 and VZ.TPR.9703
13	1/13/10	Add	VZ.TPR.9208, VZ.TPR.9209, VZ.TPR.9307, VZ.TPR.9456, VZ.TPR.9507 and VZ.TPR.9704
14	12/10/2011	Add Reissue	VZ.TPR.9210, VZ.TPR.9211, VZ.TPR.9212, VZ.TPR.9432, VZ.TPR.9447, VZ.TPR.9457, VZ.TPR.9458, VZ.TPR.9459, VZ.TPR.9460, VZ.TPR.9461, VZ.TPR.9462, VZ.TPR.9508, VZ.TPR.9509, VZ.TPR.9602, VZ.TPR.9803
15	06/05/2012	Add	VZ.TPR.9203 Issue 6, VZ.TPR.9405 Issue 6, VZ.TPR.9426 Issue 6, VZ.TPR.9464 Initial, VZ.TPR.9702 Issue 3, VZ.TPR.9703 Issue 2
16	02/04/2013	Add	VZ.TPR.9405 Issue 7, VZ.TPR.9427 Issue 7, VZ.TPR.9460 Issue 2, VZ.TPR.9307 Issue 5, VZ.TPR.9305 Issue 5, VZ.TPR.9409, Issue 7
17	07/17/2014	Add Reissue	VZ.TPR.9501 Issue 7, VZ.TPR.9804 Issue 1, VZ.TPR.9305 Issue 6, VZ.TPR.9412 Issue 6, VZ.TPR.9430 Issue 5
18	10/19/2016	Add Reissue	VZ.TPR.9808 Issue 1, VZ.TPR.9807 Issue 1, VZ.TPR.9810 Issue 1, VZ.TPR.9212 Issue 1 VZ.TPR.9412 Issue 6, VZ.TPR.9430 Issue 5, VZ.TPR.9802 Issue 2, VZ.TPR.9431 Issue 3, VZ.TPR.9442 Issue 4, VZ.TPR.9803 Issue 2, VZ.TPR.9205 Issue 6, VZ.TPR.9501 Issue 8, VZ.TPR.9445 Issue 3, VZ.TPR.9103 Issue 18
19	4/13/2017	Delete Reissue	VZ.TPR.9102 Issue 2, VZ.TPR.9201 Issue 1, VZ.TPR.9202 Issue 1, VZ.TPR.9206 Issue 4, VZ.TPR.9207 Issue 1, VZ.TPR.9209 Issue 2, VZ.TPR.9210 Issue 1, VZ.TPR.9420 Issue 5, VZ.TPR.9602 Issue 1, VZ.TPR.9701 Issue 2, VZ.TPR.9704 Issue 1 VZ.TPR.9417 Issue 5

* New, Add, Delete, Change, Reissue

Trademark Acknowledgement – NEBS is a trademark of Telcordia Technologies, Inc.

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1.0 PURPOSE

The purpose of this Verizon Technical Purchasing Requirement document is to provide the Master List of all documents within Verizon's Technical Purchasing Requirements database.

2.0 SCOPE

This document is intended to provide the document identifier, title, latest version and issue date for all active Verizon Technical Purchasing Requirements.

3.0 REFERENCES

None	
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4.0 ACRONYMS

BBU	Battery Back-up Unit
CPE	Customer Premises Equipment
FDH	Fiber Distribution Hub
FOC	Fiber Optic Component
FTTP	Fiber to the Premises
HFOC	Hardened Fiber Optic Connector
HMFOC	Hardened Multi-Fiber Optic Connector
ITL	Independent Test Laboratory
JI-ONT	Just Inside Optical Network Terminal
MDU-ONT	Multi-Dwelling Unit Optical Network Terminal
NEBS	Network Equipment Building Systems
ONT	Optical Network Terminal
OPSU	ONT Power Supply Unit
OTDR	Optical Time Domain Reflectometer
RFP	Request for Proposal
SHE	Super Head End
SFU-ONT	Single Family Unit Optical Network Terminal
TPR	Technical Purchasing Requirement
VHO	Video Hub Office

5.0 VZ.TPR MASTER LIST

Document Identifier	Document Title	Version	Issue Date
VZ.TPR.9100 Series	Quality Documents		
VZ.TPR.9103	TPR Master Document List	19	April 2017
VZ.TPR.9200 Series	Policy Documents		
VZ.TPR.9203	NEBS Requirements by Location	6	February 2012
VZ.TPR.9204	Labeling Requirements for Light Emitting Equipment	1	October 2007
VZ.TPR.9205	Energy Efficiency Requirements for Telecommunications Equipment	6	March 2016
VZ.TPR.9211	Vendor Power and Grounding Questionnaire	2	February 2010
VZ.TPR.9212	Network Equipment Power Termination and Cabling Requirements	1	June 2016
VZ.TPR.9300 Series	NEBS Documents		
VZ.TPR.9301	SFU-ONT and MDU-ONT Design Guidelines and Testing Requirements	4	May 2009
VZ.TPR.9302	NEBS Regression Testing of Separately Approved ONTs and ONT Power Supplies	4	March 2011
VZ.TPR.9303	Test and Measurement Equipment NEBS Requirements	1	March 2007
VZ.TPR.9304	Wind Driven Rain Calibration	1	August 2007
VZ.TPR.9305	NEBS Compliance Clarification Document	6	November 2013
VZ.TPR.9306	NEBS Requirements for Physical Design and Manufacture of Telecommunications Products and Equipment	1	November 2008
VZ.TPR.9307	Qualification Requirements for Printed Board Assemblies Manufactured with Lead-Free Solder for use in Telecommunications Equipment	5	July 2012
VZ.TPR.9400 Series	FOC Documents		
VZ.TPR.9401	Checklist for Initial FOC ITL and Supplier Lab Audit	1	March 2007
VZ.TPR.9402	Checklist for Follow-up FOC ITL and Supplier Lab Audit	1	March 2007
VZ.TPR.9403	Single Mode Optical Fusion Splices and Splicing Systems	3	October 2009
VZ.TPR.9404	FOC Factory Move Test Requirements	4	April 2010
VZ.TPR.9405	Generic Reliability Assurance Requirements for Passive Optical	7	June 2012

Document Identifier	Document Title	Version	Issue Date
	Components		
VZ.TPR.9406	Guidelines and Considerations Used by FOC Team for the Red Flag Risk Assessment Program (Internal Use)	1	July 2007
VZ.TPR.9407	Freeze/Thaw Test Setup and Procedure	1	October 2007
VZ.TPR.9408	Generic Requirements for Optical Fiber Ribbon Fanouts	1	August 2007
VZ.TPR.9409	Singlemode Optical Connectors and Jumper Assemblies	7	January 2013
VZ.TPR.9410	Monthly FOC Performance Summary Reporting and Tracking Guidelines	1	February 2008
VZ.TPR.9411	FTTP Wall Plates, Moldings & Raceways	1	August 2007
VZ.TPR.9412	Generic Requirements for Fiber Optic Splice Closures and Terminals	6	July 2014
VZ.TPR.9413	Test Equipment Repeatability and Accuracy Validation Procedure	2	April 2008
VZ.TPR.9414	Red Flag Test Program for Single Fiber Single Mode Connectors (Internal Use)	1	December 2007
VZ.TPR.9415	Declaration of Readiness by FOC ITL to Proceed with an Audit	2	January 2010
VZ.TPR.9416	Periodic Requalification of FOC Products	1	March 2007
VZ.TPR.9417	Generic Requirements for Outdoor Fiber Distribution Hubs (FDH's)	5	March 2017
VZ.TPR.9418	Hardened Fiber Optic Connectors (HFOC)	6	May 2011
VZ.TPR.9419	Factory Installed Termination System (FITS)	6	June 2010
VZ.TPR.9421	Non-Concrete Splice Enclosures (Handholes)	1	July 2007
VZ.TPR.9422	Red Flag Test Program for Multi Fiber Single Mode Connectors (Internal Use)	1	December 2007
VZ.TPR.9423	Screening Requirements for Optical Components	1	December 2007
VZ.TPR.9424	Test Requirements for MDU Drop Cables	3	February 2011
VZ.TPR.9425	Red Flag Program Test Requirements for MDU Drop Cables (Internal Use)	1	April 2008
VZ.TPR.9426	General Guidelines for FOC Testing and Reporting	7	June 2010
VZ.TPR.9427	Generic Requirements for Passive Optical Components	7	June 2012
VZ.TPR.9428	Pedestal Terminal Closures	1	July 2007
VZ.TPR.9429	Generic Requirements for Below-Grade Fiber Distribution Hubs (FDH's)	2	April 2008

Document Identifier	Document Title	Version	Issue Date
VZ.TPR.9430	Optical Fiber and Optical Fiber Cable	5	July 2014
VZ.TPR.9431	Multi-Fiber Optical Connectors	3	December 2014
VZ.TPR.9432	Hardened Multi-Fiber Optical Connectors (HMFOC)	5	March 2011
VZ.TPR.9433	Test Requirements for Bifurcation Tubes	1	August 2008
VZ.TPR.9434	12 and 24 Port Transmit Receive Units	1	June 2007
VZ.TPR.9435	Policy, Requirements and Procedures Related to Moving Fiber Optic Test Equipment From One Lab to Another for the Purpose of Testing at a Different Location on a Temporary Basis	1	August 2007
VZ.TPR.9436	Single Fiber, Single-Mode Mechanical Splices and Splicing Systems	3	October 2009
VZ.TPR.9437	Premises Fiber Optic Cable	2	April 2008
VZ.TPR.9438	Test Requirements for Fiber Closure Brackets	2	November 2008
VZ.TPR.9439	Fiber-Drop Splice Closures	1	December 2007
VZ.TPR.9440	FOC Passive Demarcation Point	1	August 2007
VZ.TPR.9441	Test Requirements for Improved Bend Performance Fibers	3	February 2011
VZ.TPR.9442	Optical Cable Micro ducts and Accessories	4	February 2015
ZV.TPR.9443	Test Requirements for Side Mount Brackets for FDH	1	August 2008
VZ.TPR.9444	Sample Size for Multiple Connector Types Manufactured at Multiple Locations	1	August 2007
VZ.TPR.9445	Factory Audit Requirements	3	August 2016
VZ.TPR.9446	Craft Interaction & Connector Installation and Removal Procedure	1	August 2008
VZ.TPR.9447	Field Spliceable Optical Connectors	5	May 2011
VZ.TPR.9448	Launch Fiber Reel for OTDR	1	June 2007
VZ.TPR.9449	Field Use Optical Connector Polishing Machine	1	August 2007
VZ.TPR.9450	Universal Test Sets (UTS)	1	August 2007
VZ.TPR.9451	FOC Test Plan and Test Report Template	1	July 2007
VZ.TPR.9452	FOC Validation Process (Internal Use)	1	September 2008
VZ.TPR.9453	Quality Audit Process	1	November 2008
VZ.TPR.9454	FOC Audit Process	1	November 2008
VZ.TPR.9455	Declaration of Readiness of FOC ITL for Factory Audit	2	May 2009
VZ.TPR.9456	GR to TPR Cross-Reference	1	February 2009

Document Identifier	Document Title	Version	Issue Date
VZ.TPR.9458	Endface Geometry Test Equipment Repeatability and Accuracy Validation Procedure	1	April 2010
VZ.TPR.9459	Verizon NEBS™ Compliance: Test Requirements for Buffered/Protected Optical Fiber with Adhesive Assemblies for Residential Use	2	April 2011
VZ.TPR.9460	Test Requirements for Multi-Mode Fiber	2	July 2012
VZ.TPR.9461	Test Requirements for Multi-Mode Fiber Optic Connectors	1	June 2011
VZ.TPR.9462	Requirements for Blown Optical Fiber, Optical Fiber Cables and Fiber Units	1	September 2011
VZ.TPR.9464	Test Requirements for High Density Fiber Distribution Frames and Patch Panels	1	April 2012
VZ.TPR.9500 Series	CPE Documents		
VZ.TPR.9501	NEBS Requirements for Customer Premises Equipment (CPE) Device	8	March 2015
VZ.TPR.9502	OPSU and BBU NEBS Testing Requirements	6	August 2007
VZ.TPR.9503	SFU ONT Backup Battery Reserve Time Test Plan	1	May 2007
VZ.TPR.9504	JI-ONT NEBS Testing Requirements	1	May 2007
VZ.TPR.9505	NEBS CPE Compliance Checklist	2	October 2007
VZ.TPR.9506	MDU ONT Backup Battery Reserve Time Test Plan	1	February 2008
VZ.TPR.9507	NEBS Requirements for MDU Indoor ONT	3	March 2009
VZ.TPR.9508	FiOS Battery NEBS Testing	1	June 2011
VZ.TPR.9509	Outdoor FMPS Testing Requirements	1	July 2011
VZ.TPR.9600 Series	ITL Documents		
VZ.TPR.9601	Heat Release Calculation and Mitigation Planning	3	November 2010
VZ.TPR.9700 Series	Data Centers/VHO/SHE Documents		
VZ.TPR.9702	NEBS Requirements for SHE/VHO Equipment	3	March 2012
VZ.TPR.9703	Data Center Equipment NEBS Requirements	2	March 2012
VZ.TPR.9800 Series	Product Specific Documents		
VZ.TPR.9801	Fuel Cell Systems NEBS Testing Requirements	2	November 2011
VZ.TPR.9802	Valve Regulated Lead Acid (VRLA) Battery Qualification Test Requirements	2	August 2014

Document Identifier	Document Title	Version	Issue Date
VZ.TPR.9803	Qualification Requirements for the Cease Fire CFF 800 Fire Suppression System for use in Verizon Central Office Equipment Space	2	March 2015
VZ.TPR.9804	Verizon NEBS™ Compliance: Qualification Requirements for Nickel Cadmium (Ni-Cd) Cells, Batteries and Battery Strings	1	October 2013
VZ.TPR.9805	RESERVED FOR: Nickel metal Hydride Batteries		TBD
VZ.TPR.9807	Sodium-Metal-Halide Batteries	1	September 2014
VZ.TPR.9808	HVAC Systems NEBS Requirements	1	April 2014
VZ.TPR.9810	Qualification Requirements for Lithium Ion (Li-ion) Cells Batteries and Battery Strings	1	September 2015