



中国合格评定国家认可委员会 认可证书附件

(注册号: CNAS L0570)

名称: 工业和信息化部电信研究院泰尔实验室

地址: 天津市北辰区宜兴埠工业园景观路 45 号

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附件 1 认可的授权签字人及领域

序号	姓名	授权签字领域	备注
1	余 斌	天津全部领域	
2	韩 镛	天津全部领域	
3	吴京文	天津全部领域	
4	桑立宏	天津全部领域	
5	廖运发	天津全部领域	
6	刘泰	天津全部领域	



CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT
APPENDIX OF ACCREDITATION CERTIFICATE
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NAME: Telecommunication Technology Labs, Academy of Telecommunication Research , MIIT

ADDRESS: No. 45, Yixinbu Jingguan Road Beichen Distric, Tianjin, China

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APPENDIX 1 ACCREDITED SIGNATORIES AND SCOPE

No	Name	Authorized Scope of Signature	Note
1	Yu Bin	All test areas and all calibration areas in Tianjin	
2	Han Di	All test areas and all calibration areas in Tianjin	
3	Wu Jingwen	All test areas and all calibration areas in Tianjin	
4	Sang Lihong	All test areas and all calibration areas in Tianjin	
5	Liao Yunfa	All test areas and all calibration areas in Tianjin	
6	Liu Tai	All test areas and all calibration areas in Tianjin	



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认可依据: ISO/IEC 17025:2005 以及 CNAS 特定认可要求

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附件 2 认可的检测能力范围

序号	检测对象	项目/参数		领域代码	检测标准(方法)名称及编号(含年号)	限制范围	说明
		序号	名称				
1	耐火电缆/ 光缆	1	额定电压 0.6/1.0kV 以下电缆在 火焰条件下 的线路完整 性试验	0424	在火焰条件下电缆或光缆的 线路完整性试验 第 21 部分: 试验步骤和要求——额定电 压 0.6/1.0kV 及以下电缆 GB/T 19216.21-2003 IEC 60331-21:1999		

序号	检测对象	项目/参数		领域代码	检测标准（方法）名称及编号（含年号）	限制范围	说明
		序号	名称				
1	耐火电缆/ 光缆	2	数据电缆在火焰条件下的线路完整性试验	0424	在火焰条件下电缆或光缆的线路完整性试验 第 23 部分：试验步骤和要求——数据电缆 GB/T 19216.23-2003 IEC 60331-23:1999		
		3	光缆在火焰条件下的线路完整性试验	0424	在火焰条件下电缆或光缆的线路完整性试验 第 25 部分：试验步骤和要求——光缆 GB/T 19216.25-2003 IEC 60331-25:1999		
		4	额定电压 0.6/1.0kV 以下电缆在 830℃ 施加冲击火焰条件下的线路完整性试验	0424	在火焰条件下电缆或光缆的线路完整性试验 第 31 部分：供火并施加冲击的试验程序和要求 额定电压 0.6/1kV 及以下电缆 GB/T 19216.31-2008 在火焰条件下电缆或光缆的线路完整性试验 第 1 部分：供火时施加冲击，温度不低于 830℃，额定电压不超过 0.6/1.0kV，外径超过 20mm 的电缆 IEC 60331-1:2009		

序号	检测对象	项目/参数		领域代码	检测标准（方法）名称及编号（含年号）	限制范围	说明
		序号	名称				
					在火焰条件下电缆或光缆的线路完整性试验 第 2 部分：供火时施加冲击，温度不低于 830℃，额定电压不超过 0.6/1.0kV，外径不超过 20mm 的电缆 IEC 60331-2:2009		
					在火焰条件下电缆或光缆的线路完整性试验 第 3 部分：供火时施加冲击，温度不低于 830℃，额定电压不超过 0.6 / 1.0kV 的电缆在金属套管中的试验 IEC 60331-3:2009		
		5	电缆在 750℃火焰条件下的线路完整性试验	0424	在火焰条件下电缆或光缆的线路完整性试验 第 11 部分：设备—单纯供火，火焰温度不低于 750℃ IEC 60331-11:2009		
2	阻燃电缆/ 光缆	1	电缆和光缆的 A F/R 类成束燃烧试验	0424	电缆和光缆在火焰条件下的燃烧试验 第 32 部分：垂直安装的成束电线电缆火焰垂直蔓延试验 A F/R 类 GB/T 18380.32-2008 IEC 60332-3-21:2000		

序号	检测对象	项目/参数		领域代码	检测标准(方法)名称及编号(含年号)	限制范围	说明
		序号	名称				
		2	电缆和光缆的 A 类成束燃烧试验	0424	电缆和光缆在火焰条件下的燃烧试验 第 33 部分:垂直安装的成束电线电缆火焰垂直蔓延试验 A 类 GB/T 18380. 33-2008 IEC 60332-3-22:2009		
		3	电缆和光缆的 B 类成束燃烧试验	0424	电缆和光缆在火焰条件下的燃烧试验 第 34 部分:垂直安装的成束电线电缆火焰垂直蔓延试验 B 类 GB/T 18380. 34-2008 IEC 60332-3-23:2009		
		4	电缆和光缆的 C 类成束燃烧试验	0424	电缆和光缆在火焰条件下的燃烧试验 第 35 部分:垂直安装的成束电线电缆火焰垂直蔓延试验 C 类 GB/T 18380. 35-2008 IEC 60332-3-24:2009		
		5	电缆和光缆的 D 类成束燃烧试验	0424	电缆和光缆在火焰条件下的燃烧试验 第 36 部分:垂直安装的成束电线电缆火焰垂直蔓延试验 D 类 GB/T 18380. 36-2008 IEC 60332-3-25:2009		
3	低烟无卤电缆/光缆	1	在规定条件下燃烧的电缆和光缆的烟密度试验	0424	电缆或光缆在特定条件下燃烧的烟密度测定 第 2 部分:试验步骤和要求 GB/T 17651. 2-1998 IEC 61034-2:2013		



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APPENDIX 2 ACCREDITED TESTING

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
1	Fire resistance cable/Optical cable	1	Cables of rated voltage up to and including 0,6/1,0 kV circuit integrity under fire conditions	0424	Tests for electric cables under fire conditions - Circuit integrity - Part 21: Procedures and requirements - Cables of rated voltage up to and including 0,6/1,0 kV GB/T 19216.21-2003 IEC 60331-21:1999		

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
1	Fire resistance cable/Optical cable	2	Electric data cable circuit integrity under fire conditions	0424	Tests for electric cables under fire conditions - Circuit integrity - Part 23: Procedures and requirements - Electric data cables GB/T 19216.23-2003 IEC 60331-23:1999		
		3	Optical fibre cable circuit integrity under fire conditions	0424	Tests for electric cables under fire conditions - Circuit integrity - Part 25: Procedures and requirements - Optical fibre cables GB/T 19216.25-2003 IEC 60331-25:1999		
		4	Cables of rated voltage up to and including 0.6/1 kV circuit integrity under fire with shock at a temperature of at least 830 °C	0424	Tests for electric or optical fibre cables under fire conditions. Circuit integrity. Part 31:Procedures and requirements for fire with shock. Cables of rated voltage up to and including 0.6/1 kV GB/T 19216.31-2008		

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
1	Fire resistance cable/Optical cable	4	Cables of rated voltage up to and including 0.6/1 kV circuit integrity under fire with shock at a temperature of at least 830 °C	0424	Tests for electric cables under fire conditions - Circuit integrity - Part 1: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter exceeding 20 mm IEC 60331-1:2009		
					Tests for electric cables under fire conditions - Circuit integrity - Part 2: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm IEC 60331-2:2009		

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
					Tests for electric cables under fire conditions - Circuit integrity - Part 3: Test method for fire with shock at a temperature of at least 830 ° C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure IEC 60331-3:2009		
1	Fire resistance cable/Optical cable	5	Cables under fire alone at a flame temperature of at least 750 ° C	0424	Tests for electric cables under fire conditions - Circuit integrity - Part 11: Apparatus - Fire alone at a flame temperature of at least 750 ° C IEC 60331-11:2009		

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
2	Flame retardant cable/Optical cable	1	Vertical flame spread of vertically-mounted bunched wires or cables - Category A/FR	0424	Tests on electric cables under fire conditions - Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A F/R GB/T 18380.32-2008 IEC 60332-3-21:2000		
2	Flame retardant cable/Optical cable	2	Vertical flame spread of vertically-mounted bunched wires or cables - Category A	0424	Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A GB/T 18380.33-2008 IEC 60332-3-22:2009		

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
2	Flame retardant cable/Optical cable	3	Vertical flame spread of vertically-mounted bunched wires or cables - Category B	0424	Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B GB/T 18380.34-2008 IEC 60332-3-23:2009		
2	Flame retardant cable/Optical cable	4	Vertical flame spread of vertically-mounted bunched wires or cables - Category C	0424	Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C GB/T 18380.35-2008 IEC 60332-3-24:2009		

№	Test Object	Item/Parameter		Code of Field	Title, Code of Standard or Method	Limitation	Note
		№	Item/Parameter				
2	Flame retardant cable/Optical cable	5	Vertical flame spread of vertically-mounted bunched wires or cables - Category D	0424	Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D GB/T 18380.36-2008 IEC 60332-3-25:2009		
3	Low smoke halogen-free cable/Optical cable	1	Smoke density of cables burning under defined conditions	0424	Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements GB/T 17651.2-1998 IEC 61034-2:2013		