



中国认可
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检测
TESTING
CNAS L13052



T-SERVICE

检测报告

TEST REPORT

№:ZLA2503148

产品名称:
Product Name

液压软管
Hydraulic Hose

委托单位:
Client

江苏新中信电器设备有限公司
Jiangsu XZX Co., Ltd. (VFK Fluid Control Co., Ltd.)

检测类别:
Test Type

委托检测
Entrustment Test

中辽检测(辽宁)有限公司
Zhongliao Testing (Liaoning) Co., Ltd.

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报告·查询

Code: 27r555

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产品名称 Product Name	液压软管 Hydraulic Hose		
标示商标 Logo	VFK	规格型号 Model Type	100R14-12、100R14-16
生产单位 Manufacturer	江苏新中信电器设备有限公司 Jiangsu XZX Co., Ltd. (VFK Fluid Control Co., Ltd.)	产品编号 Product No.	—
委托单位 Client	江苏新中信电器设备有限公司 Jiangsu XZX Co., Ltd. (VFK Fluid Control Co., Ltd.)	地 址 Address	江苏省丹阳市丹延路 18 号凤凰工业园区 Fenghuang Industrial Park, No. 18 Danyan Road, Danyang City, Jiangsu Province
抽样地点 Sampling Site	—	抽样基数 Base Number	—
到样日期 Accept Date	2025.03.31	委托人 Trustor	—
产品数量 Product Quantity	2	产品状态 Product State	完好 Normal
检测类别 Test Type	委托检测 Entrustment Test	检测日期 Test Date	2025.04.01~2025.04.03
检测依据 Test Standard	ISO 10619-2: 2021	判定依据 Judgment Basis	ISO 10619-2: 2021、 委托检测大纲 Entrustment Test Outline
检测项目 Test Items	低温弯曲试验。 Low Temperature Bending Test.		
检测结论 Test Conclusion	检测项目的检测结果见后页。 The Test Results are shown on the following page. 中辽检测(辽宁)有限公司 (检验检测专用章) (Test Special Seal) 签发日期: 2025 年 04 月 10 日 Subscription Date: Apr.10, 2025		
备注 Remark			

批准:
Approver

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Editor

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产品参数
Product Parameters

规格型号 Model Type	外径 Outside Diameter (mm)	内径 Inside Diameter (mm)	工作压力 Working Pressure (MPa)	最小弯曲半径 Minimum Bending Radius (mm)
100R14-12	19.8	16.00	8.8	200
100R14-16	26.2	22.23	6.2	230

试件检测流程
Testing Process

试件编号 Sample No.	规格型号 Model Type	低温弯曲试验 Low Temperature Bending Test
ZLA2503148-1	100R14-12	1
ZLA2503148-2	100R14-16	1

主要使用仪器设备
Master Employed Equipment

使用仪器设备名称 Employed Equipment	规格型号 Model	准确度等级 Accuracy Class	检定/校准有效期至 Verification/Calibration Validity Until
步入式高低温湿热试验箱 Walk-in High And Low Temperature Humid Heat Test Chamber	GK-HB8m ³	±2.0℃; ±3.0%RH(>75%RH) ±5.0%RH (≤75%RH)	2025.04.16
水压爆破试验台 Water Pressure Blasting Test Bench	JB103000	Level 0.25	2025.06.16
软管综合弯曲试验机 Flexible Hose Comprehensive Bending Testing Machine	GZH-A-WQ	0.5%	2025.08.13

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规格型号: 100R14-12 Model Type: 100R14-12					
序号 No.	检测项目 Test Item	技术要求 Technical Requirement	数量 Quantity	检测结果 Test Result	单项结论 Single Conclusion
1	低温弯曲 试验 Low Temperature Bending Test.	试件及芯轴（芯轴直径为最小弯曲半径的 2 倍）在 -40℃ 的温度下调节 24h，然后按照 ISO 10619-2: 2021 中方法 B 进行试验，10s 内绕芯轴弯曲 180°，外覆层应无龟裂或破裂现象。 弯曲后，恢复至环境温度，30s~60s 之间升压至 1.5 倍工作压力，保持 30s~60s，应无故障或泄漏。 The specimen and the mandrel (the diameter of the mandrel is twice the minimum bending radius) at -40℃ for 24h. Then the test is carried out according to method B of ISO 10619-2: 2021. Bend 180° around the mandrel within 10s, and the outer cover should not crack or break. After bending, allow the hose test piece to regain ambient temperature, increase the pressure to 1.5 times the working pressure between 30s and 60s, and hold for 30s - 60s. There shall be no indication of failure or leakage.	1	ZLA2503148-1: 芯轴直径 400mm; 试件及芯轴在 -40℃ 下保持 24h 后进行弯曲试验。 弯曲角度 180°; 弯曲时间 8s; 外覆层无龟裂和破裂现象。 弯曲后恢复至环境温度; 试验介质去离子水; 试验压力 13.228MPa~13.601MPa; 升压时间 60s; 保压时间 60s; 无故障和泄漏。 ZLA2503148-1: Mandrel diameter: 400mm; The specimen and the mandrel at -40℃ for 24h. Bending angle: 180°; Bending time: 8s; There is no cracking and breaking of the outer cover. Return to ambient temperature after bending; Test medium: deionized water; Test pressure 13.228MPa~13.601MPa; Pressure ramp-up time: 60s; Holding time: 60s; No indication of failure and leakage of hose.	符合 Eligible

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规格型号: 100R14-16 Model Type: 100R14-16					
序号 No.	检测项目 Test Item	技术要求 Technical Requirement	数量 Quantity	检测结果 Test Result	单项结论 Single Conclusion
1	低温弯曲 试验 (续) Low Temperature Bending Test (Continue)	试件及芯轴（芯轴直径为最小弯曲半径的 2 倍）在 -40℃ 的温度下调节 24h，然后按照 ISO 10619-2: 2021 中方法 B 进行试验，12s 内绕芯轴弯曲 90°，外覆层应无龟裂或破裂现象。 弯曲后，恢复至环境温度，30s~60s 之间升压至 1.5 倍工作压力，保持 30s~60s，应无故障或泄漏。 The specimen and the mandrel (the diameter of the mandrel is twice the minimum bending radius) at -40℃ for 24h. Then the test is carried out according to method B of ISO 10619-2: 2021. Bend 90° around the mandrel within 12s, and the outer cover should not crack or break. After bending, allow the hose test piece to regain ambient temperature, increase the pressure to 1.5 times the working pressure between 30s and 60s, and hold for 30s - 60s. There shall be no indication of failure or leakage.	1	ZLA2503148-2: 芯轴直径 460mm; 试件及芯轴在 -40℃ 下保持 24h 后进行弯曲试验。 弯曲角度 90°; 弯曲时间 10s; 外覆层无龟裂和破裂现象。 弯曲后恢复至环境温度; 试验介质去离子水; 试验压力 9.342MPa~9.804MPa; 升压时间 60s; 保压时间 60s; 无故障和泄漏。 ZLA2503148-2: Mandrel diameter: 460mm; The specimen and the mandrel at -40℃ for 24h. Bending angle: 90°; Bending time: 10s; There is no cracking and breaking of the outer cover. Return to ambient temperature after bending; Test medium: deionized water; Test pressure 9.342MPa ~ 9.804MPa; Pressure ramp-up time: 60s; Holding time: 60s; No indication of failure and leakage of hose.	符合 Eligible

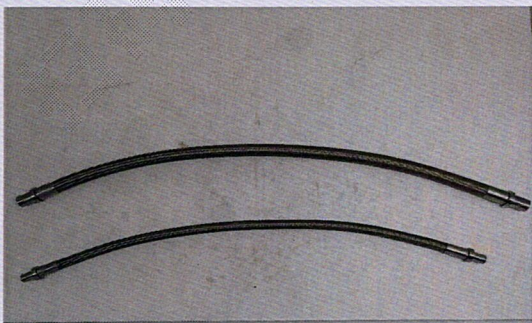
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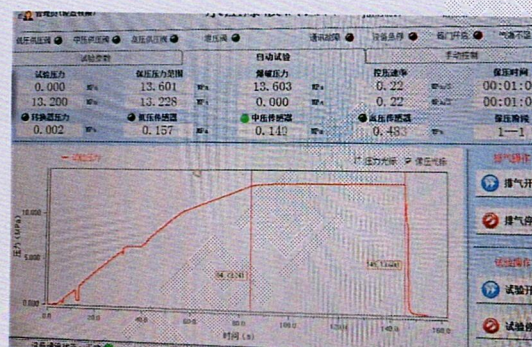
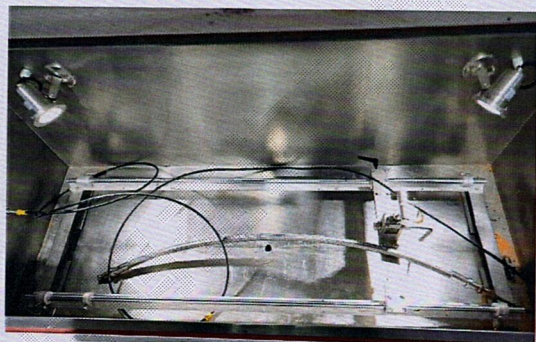
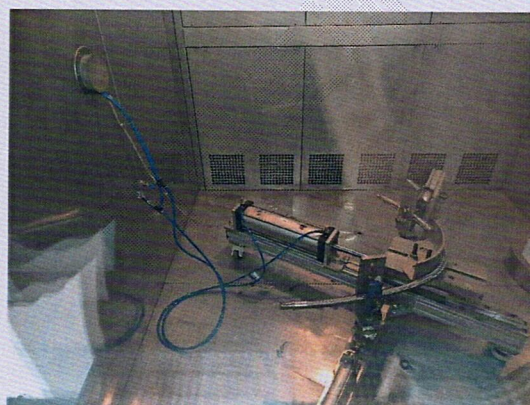
试验照片
Test Photos



来样
Sample



低温弯曲试验
Low Temperature Bending Test



低温弯曲试验
Low Temperature Bending Test

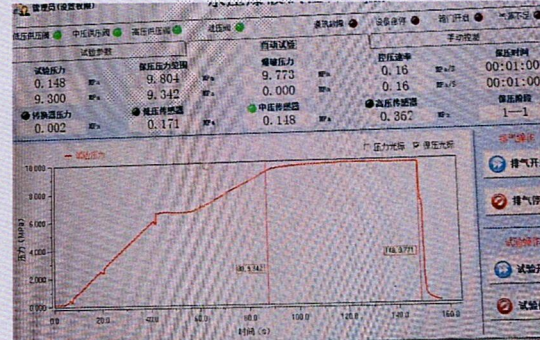
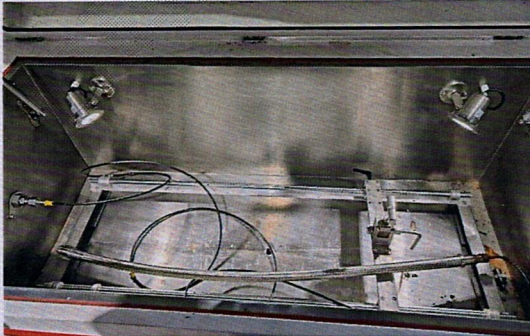
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试验照片
Test Photos



低温弯曲试验
Low Temperature Bending Test

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