



MUAYENE GÖZETİM MERKEZİ BAŞKANLIĞI  
ÖZEL GÖZETİM RAPORU/INSPECTION REPORT

Müşteri / Client:			
Tedarikçi / Supplier:	İNFOKS KABLO SAN. VE TİC. LTD. ŞTİ.		
Üretici / Manufacturer:	İNFOKS KABLO SAN. VE TİC. LTD. ŞTİ.		
Gözetim Yeri ve Adresi / Adress of Inspection Place:	ŞEKERPİNAR MAH. DEFNE SOK. NO:29 ÇAYIROVA KOCAELİ/TÜRKİYE	Gözetim Tarihi / Date of Inspection:	01,02,09.07.2021
İzlenebilirlik Numarası / Traceability Number	OZL.134.2022/R00003		
Ürün Tanımı / Description of Goods:	A-DQ(BN)(SR)H-FR CLT 1X24 Fiber Optic Cable	Sipariş No / P.O. number	-
Gözetim Kapsamı / Scope of Inspection:	<input checked="" type="checkbox"/> Müşteri Şartnamesine Uygunluk/Conformity to Client Terms <input type="checkbox"/> Fatura Muhteviyat Kontrolü/Invoice Control <input type="checkbox"/> Görsel Kontrol/Visual Control <input type="checkbox"/> Sayım-Miktar Kontrolü/Quantity Control <input type="checkbox"/> Ambalajlama/Paketleme Kontrolü/Packing Control <input type="checkbox"/> Rastgele Kontrol/Random Inspection <input type="checkbox"/> Diğer/Other :		
Esas Alınacak Standart, Mevzuat, Şartname ve Referans Dokümanlar / Standards, Legal Regulations, Technical Specifications as Reference :			
Gözetim Sonucu / Result of Inspection	<input checked="" type="checkbox"/> Uygun Görüldü / Satisfactory <input type="checkbox"/> Uygunsuz Bulundu / Unsatisfactory <input type="checkbox"/> Onay Bekliyor / Pending		
Uzman(lar) / Inspector(s)	Cengizhan YAŞA		
Rapor değerlendirme ve onay / Review and approval of report	Serhat BAŞKARA		
Gözetim Detayları / Inspection Details			
Fotoğraflar / Photos			
Ekli Dokümanlar / Associated Documents&Annexes:			

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**1. LIST OF MEASUREMENT EQUIPMENT**

No	Equipment	Brand/Model	Calibration Date
1	TENSILE TESTER (Extensometer)	MARES	21.06.2021
2	TENSILE TESTER (Loadcell)	MARES	30.06.2021
3	PH METER	AZ8685	23.06.2021
4	DIGITAL CALIPER	INSIZE	02.07.2021
5	OVEN	LABOTEK	21.06.2021
6	HIGH TEMPERATURE OVEN (acidity test)	RATON	30.06.2021
7	CIRCUIT INTEGRITY TERMOKUPL x 2	RATON/EMKO	30.06.2021
8	OPTICAL POWER METER	FOTECH	21.01.2021
9	OPTICAL POWER METER	FOTECH	21.01.2021

**2. TEST RESULTS**

**A-DQ(BN)(SR)H-FR CLT FO CABLE**

TEST & MEASUREMENTS					
No	Test	Test Method	Requested	Measured	Result
1	Vertical Flame Propagation for A Single Insulated Cable	EN 60332-1-2	At the end of 60 seconds, the flame progression should not exceed 425 mm.	150 mm	OK
2	Determination of acidity (by pH measurement)	EN 60754-2	pH> 4,3	pH=6,9	OK
3	Test for Vertical Flame Spread of Vertically-Mounted Bunched Cables	EN 60332-3-24	The burning part should not exceed 2.5 meters.	1,50 meters	OK
4	Smoke Density Test	EN 61034-2	Light transmittance > %60	%97	OK
5	Circuit Integrity with Impact (PH-120)	EN 50200	It should maintain circuit integrity for 120 minutes.	Circuit integrity has continued.	OK
6	Circuit Integrity (FE-180)	IEC 60331-25	It should maintain circuit integrity for 180 minutes.	Circuit integrity has continued.	OK
7	HFFR Sheath Material Tests (Aging Process and Tensile Breaking Test)	EN 60811-100 EN 60811-401	Tensile strength $\geq$ 9 N/mm <sup>2</sup> Elongation at break $\geq$ %125  After aging; tensile strength $\geq$ 9 N/mm <sup>2</sup> Elongation at break $\geq$ %125  Change after aging; Tensile strength $\pm$ %30 (at most) Elongation at break $\pm$ %30 (at most)	Tensile strength = 10,95 N/mm <sup>2</sup> Elongation at break = %163  After aging; tensile strength = 12,75 N/mm <sup>2</sup> Elongation at break = %195  Change after aging; Tensile strength = +%16 Elongation at break = +%19	OK