Particular protocol No: *Protokol Numarası:*	TRM-25-3196/01/T1	Page1/1
Inspection according to: *Değerlendirmenin Yapıldığı Madde:*	EN 60204-1:2018 Clause 18.2	
Product / Type: *Ürün / Tip:*	Razor Wire Production Line, AKR-KM-1700 *Jiletli Tel Üretim Hattı, AKR-KM-1700*	
Examination Engineer: *Test Mühendisi:*	Cihangir Hurşitoğlu	
Date of Inspection: *Test Tarihi:*	25.12.2024	
Measuring instruments: *Ölçüm Ekipmanları:*		

Designation *Tanım*	Evidentiary Number *Kayıt Numarası*	Nu. of calibration protocol *Kalibrasyon Protokol No*	Period of validity *Geçerlilik Tarihi*	Comment *Yorum*
CE Multitester MI 2094	14481618	0929010054	10/2025	

Requirement (*): EN 60204-1:2018 Continuity of the protective bonding circuit test. The measured voltage between the PE terminal and the points of test is not to exceed the values given in table.

Minimum effective protective conductor cross-sectional area of the branch under test (mm2)	**Maximum measured voltage drop (values are given for a test current of 10 A)** (V)
1,0	3,3
1,5	2,6
2,5	1,9
4,0	1,4
6,0	1,0

Method: Verify the continuity of the protective bonding circuit by injecting a current of at least 10 A at 50 Hz or 60 Hz derived from a PELV source. The tests are to be made between the PE terminal (see 5.2) and relevant points that are part of the protective bonding circuit;

Test Results

Used On	Measured Current (A)	Measured Voltage Drop (V)	Measured Resistance (Ω)
Main Side Metal	11,0	0,189	0,018
Left Side Metal	11,0	0,166	0,016
Right Side Metal	10,8	0,125	0,012

Status: The measured resistance between the PE terminal and the points of test not to exceed the values given in standard.
Ölçüm değerleri standartta belirtilen değerleri aşmamaktadır.

Uncertanity of measure: It was not required.

Examination Engineer
Name : Eng. Cihangir Hurşitoğlu
Signature :

Approved by
Name : Eng. Cengiz Tahir
Signature:

Particular protocol No: *Protokol Numarası:*	TRM-25-3196/01/T2	Page1/1
Inspection according to: *Değerlendirmenin Yapıldığı Madde:*	EN 60204-1:2018 Clause 18.3	
Product / Type: *Ürün / Tip:*	Razor Wire Production Line, AKR-KM-1700 *Jiletli Tel Üretim Hattı, AKR-KM-1700*	
Examination Engineer: *Test Mühendisi:*	Cihangir Hurşitoğlu	
Date of Inspection: *Test Tarihi:*	25.12.2024	
Measuring instruments: *Ölçüm Ekipmanları:*		

Designation *Tanım*	Evidentiary Number *Kayıt Numarası*	Nu. of calibration protocol *Kalibrasyon Protokol No*	Period of validity *Geçerlilik Tarihi*	Comment *Yorum*
CE Multitester MI 2094	14481618	0929010054	10/2025	

Requirement (*):EN 60204-1:2018, Clause 18.3 Insulation resistance tests

The insulation resistance measured at 500 V d.c. between the power circuit conductors and the protective bonding circuit is to be not less than 1 MΩ.

Method: The test may be made on individual sections of the complete electrical installation.

Test Results :

Used On	Measured insulation resistance (MΩ) / Number of measure	
	1	2
L1 – Metal	20,55	20,55
L2 – Metal	17,04	17,04
L3 – Metal	6,81	6,81
N – Metal	16,51	16,51

Status: The measured insulation resistance are not less than 1 MΩ.

Uncertainity of measure: It was not required.

Examination Engineer
Name : Eng. Cihangir Hurşitoğlu
Signature :

Approved by
Name : Eng. Cengiz Tahir
Signature:

Particular protocol No: *Protokol Numarası:*	TRM-25-3196/01/T3	Page1/1
Inspection according to: *Değerlendirmenin Yapıldığı Madde:*	EN 60204-1:2018 Clause 18.4	
Product / Type: *Ürün / Tip:*	Razor Wire Production Line, AKR-KM-1700 *Jiletli Tel Üretim Hattı, AKR-KM-1700*	
Examination Engineer: *Test Mühendisi:*	Cihangir Hurşitoğlu	
Date of Inspection: *Test Tarihi:*	25.12.2024	
Measuring instruments: *Ölçüm Ekipmanları:*		

Designation *Tanım*	Evidentiary Number *Kayıt Numarası*	Nu. of calibration protocol *Kalibrasyon Protokol No*	Period of validity *Geçerlilik Tarihi*	Comment *Yorum*
CE Multitester MI 2094	14481618	0929010054	10/2025	

Requirement (*): EN 60204-1:2018, Clause 18.4 voltage tests

The maximum test voltage shall be twice the rated supply voltage of the equipment or 1000 V, whichever is greater. The maximum test voltage shall be applied between the power circuit conductors and the protective bonding circuit for approximately 1 s.

Method: If there is no destructive discharge, the rules are met.

Test Results :

Used On (1000V) B.I	Current in test circuit(mA) / Number of Measure		
	1	**2**	**3**
L1 – Metal	0.0	0.0	0.0
L2 – Metal	0.0	0.0	0.0
L3 – Metal	0.0	0.0	0.0
N – Metal	0.2	0.2	0.2

Status: The electrical equipment has withstood a test voltage. No breakdown occurs. Current was not measured.
Deney sırasında hiçbir delinme olmamıştır.

Uncertainity of measure: It was not required.

Examination Engineer
Name : Eng. Cihangir Hurşitoğlu
Signature :

Approved by
Name : Eng. Cengiz Tahir
Signature: