



Test Raporu / Test Report

Form : LFT-EMEA-TR-OP-07a
Revision : 0 / 06.01.2014

201500094TUR-001

Proje & Rapor / Project & Report Nr. :	TUR-EL-Q15.226 / 201500094TUR-001
Tarih / Date :	17.11.2015
Hizmet / Service :	Glow Wire Test
Ürün / Product :	I connector (WPI 0302M15) (S15.381)
Firma İsmi / Company Name :	TTAF Elektronik San. Tic. Ltd. Şti.
Firma Adresi / Company Address :	Kavaklı Mah. İstanbul Cad. No:21 Beylikdüzü / İstanbul / TÜRKİYE
İletişim Kişisi & pozisyon / Contact & position :	Erol GÜL / erol.g@ttaf.com.tr /0212 855 82 20

Sayın / Dear Erol GÜL,

İsteğiniz doğrultusunda Intertek Test Hizmetleri A.Ş. olarak belirtilen ürünlerde aşağıdaki standartlar kapsamında testler uygulanmıştır. /

As per your request we as Intertek Test Hizmetleri A.Ş. have performed the tests for the mentioned products according to the standards below:

Ürünler / Products:

1)	I connector (WPI 0302M15) (S15.381)
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Standartlar / Standards:

1)	EN 60695-2-11:2014 & IEC 60695-2-11:2014(Ed.2.0)
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Bu çalışma Intertek Test Hizmetleri A.Ş. Elektrik Laboratuvarında elde edilen test sonuçlarını / değerlendirmeleri göstermektedir. /

This paper shows the test results / evaluations performed in Intertek Test Hizmetleri A.Ş. Electrical Laboratory.

Saygılarımızla / Best Regards,

	
Alper PEKGÖZ Proje Mühendisi - Elektrik Hizmetleri / <i>Project Engineer - Electrical Services</i>	Tayfun OZCAN Teknik Müdür – Elektrik Hizmetleri / Technical Manager – Electrical Services

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Intertek Test Hizmetleri A.S.

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Test: Glow Wire		Observations							
Verification:		GW tip measurement: OK 960°C silver foil: OK							
No	Description	Temp. [°C]	ta [s]	ti [s]	te [s]	Flame Height [mm]	Penetration [mm]	Burning paper	Result P/F
1	I connector (WPI 0302M15)	750*	30	1	34	7	1.8	**	P
2	I connector (WPI 0302M15)	850*	30	1	30	7.5	1.8	**	P

Not: * The value of glow wire temperature is determined by the customer
** There is no ignition of the wrapping issue
*** There is no flaming or glowing of the test specimen

P=PASS **F**= FAIL

ta application time of the glow wire

ti time from the beginning of tip application up to the time at which the test specimen or the specified layer placed below it ignites

te time from the beginning of tip application up to the time when flames extinguish during or after the period of application

Conclusion:

I connector (WPI 0302M15) is considered to have **passed** for the 750°C and 850°C glow wire tests due the there is no flaming or glowing of the test specimen after 30 seconds from withdrawal of tip and there is no ignition of the wrapping issue. Refer the table above and pictures below.

Photos



Photo 1: Positioned tested sample on testing apparatus (750°C) – I connector



Photo 2: There is flame (during test at 750°C) – I connector

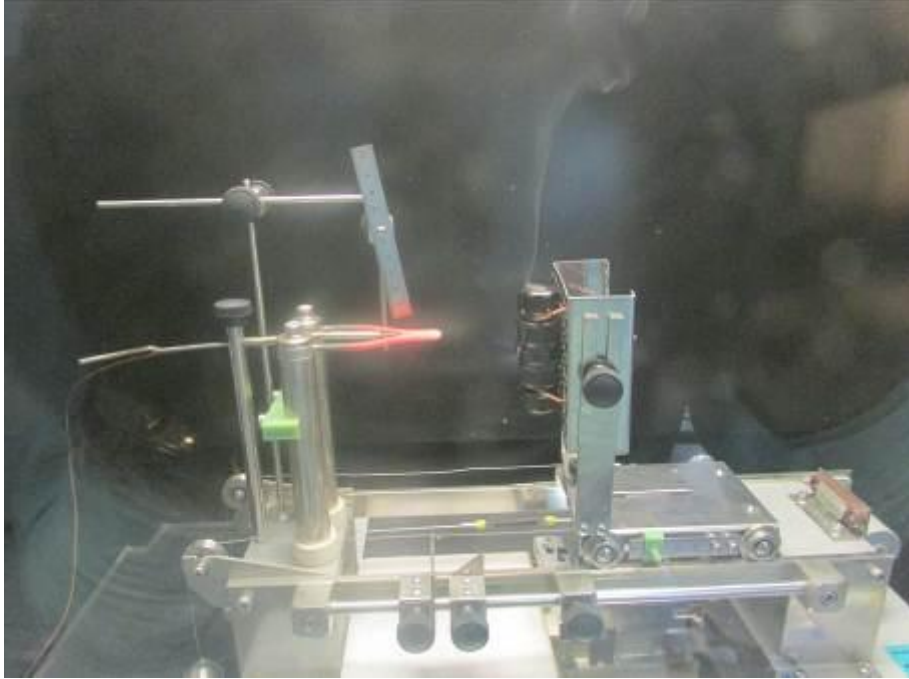


Photo 3: There is no flame after withdrawal of tip (during test at 750°C)- I connector



Photo 4: Positioned tested sample on testing apparatus (850°C) – I connector

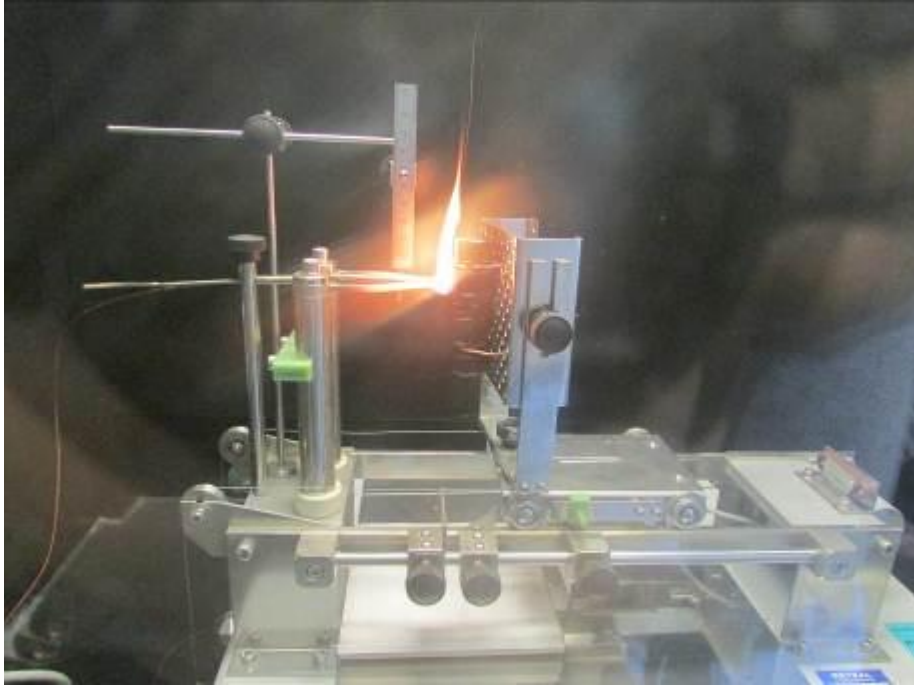


Photo 5: There is flame (during test at 850°C) – I connector

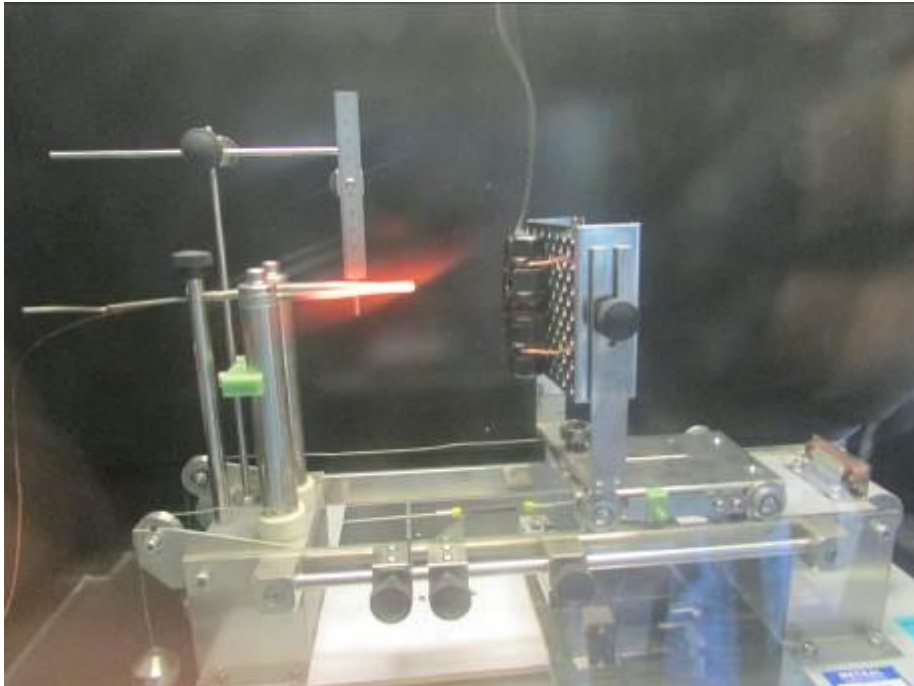


Photo 6: There is no flame after withdrawal of tip (during test at 850°C)- I connector



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Test Equipment List:

Equipment name	Manufacturer	ID	Calibration date	Next calibration date
Glow wire test apparatus	Testing Europe T4-08	EN 45	24.02.2015	24.02.2016
Calipper	MITUTOYO 573-635	EN37	08.09.2015	08.09.2016