

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

201500094TUR-001

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

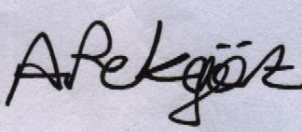
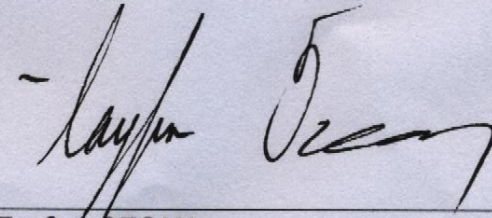
1) I connector (WPI 0302M15) (S15.381)

Standartlar / Standards:

1) EN 60695-2-11:2014 & IEC 60695-2-11:2014(Ed.2.0)

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,

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



201500094TUR-001

Test: <b>Glow Wire</b>		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	**	<b>P</b>
2	I connector (WPI 0302M15)	850*	30	1	30	7.5	1.8	**	<b>P</b>
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

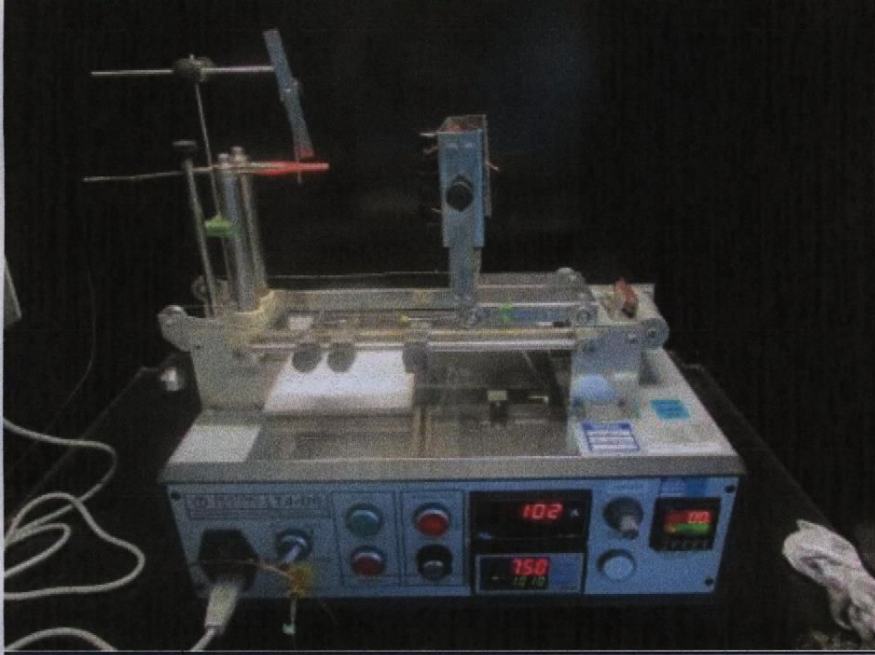
**Conclusion:**

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.

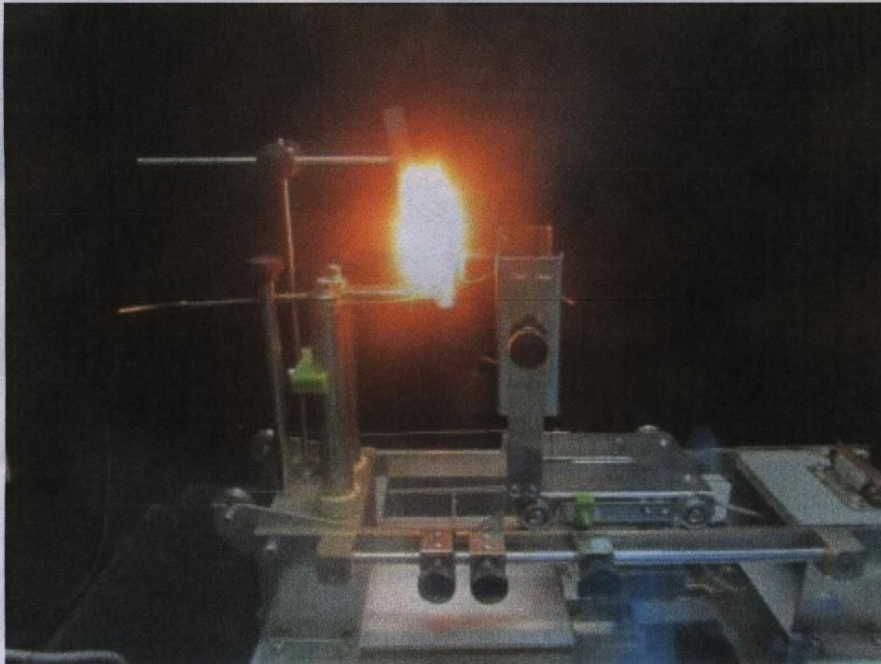


201500094TUR-001

## Photos



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

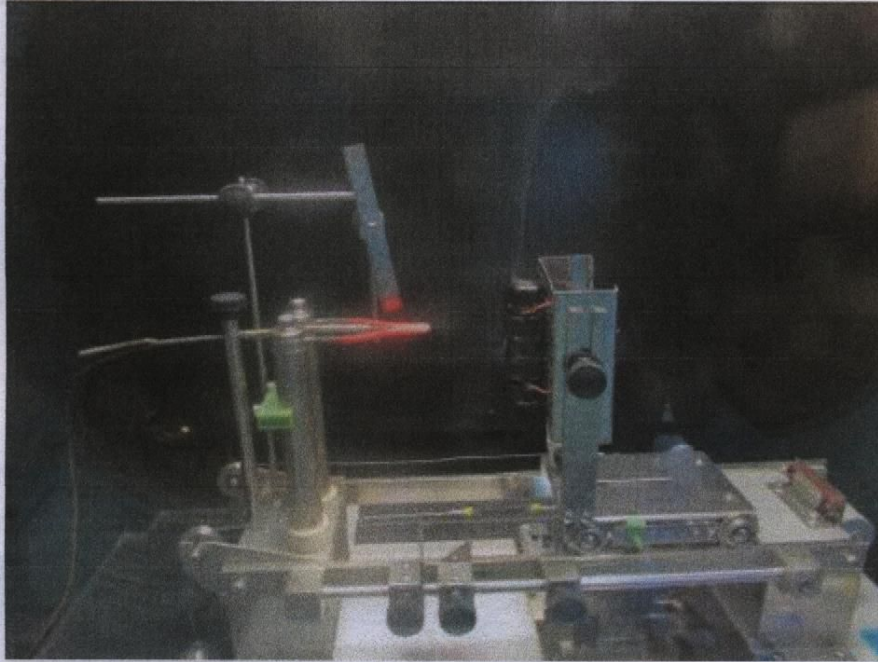


**Photo 2:** There is flame (during test at 750°C) – I connector

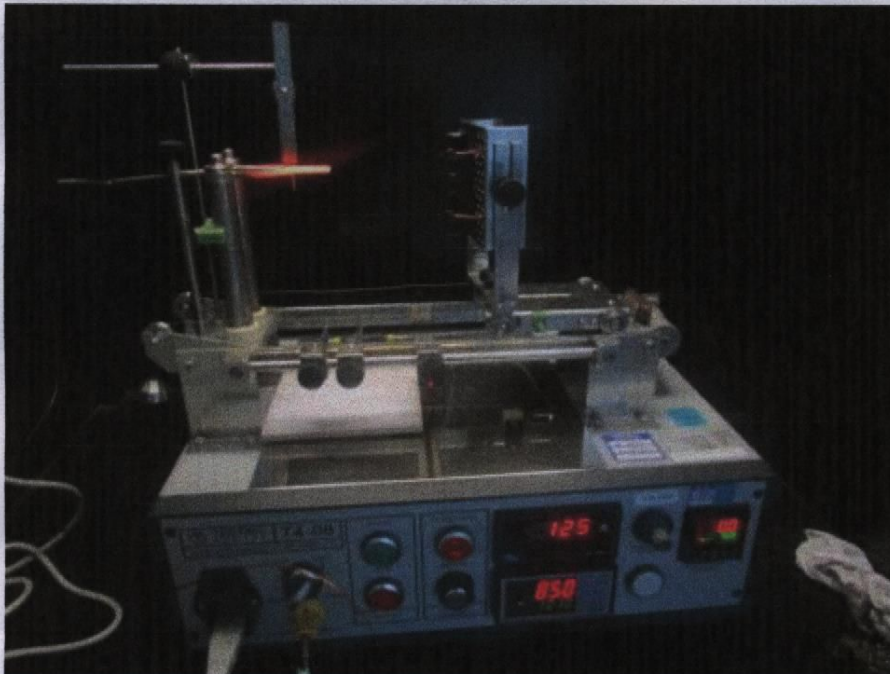


Form : LFT-EMEA-TR-OP-07a  
Revision : 0 / 06.01.2014

201500094TUR-001



**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 no flame after withdrawal of tip (during test at 850°C)- I connector

Sayfa / Page 4 / 6

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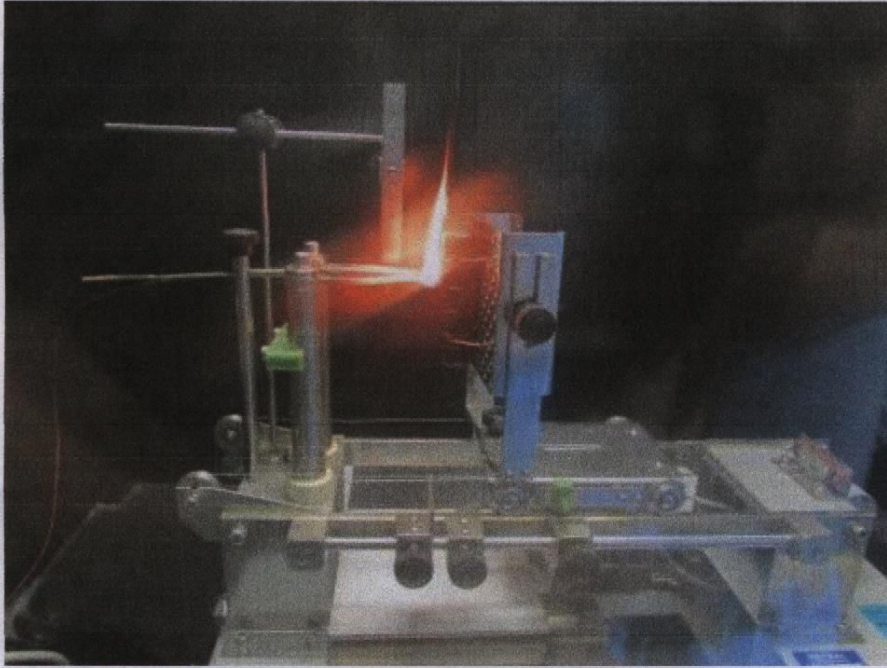
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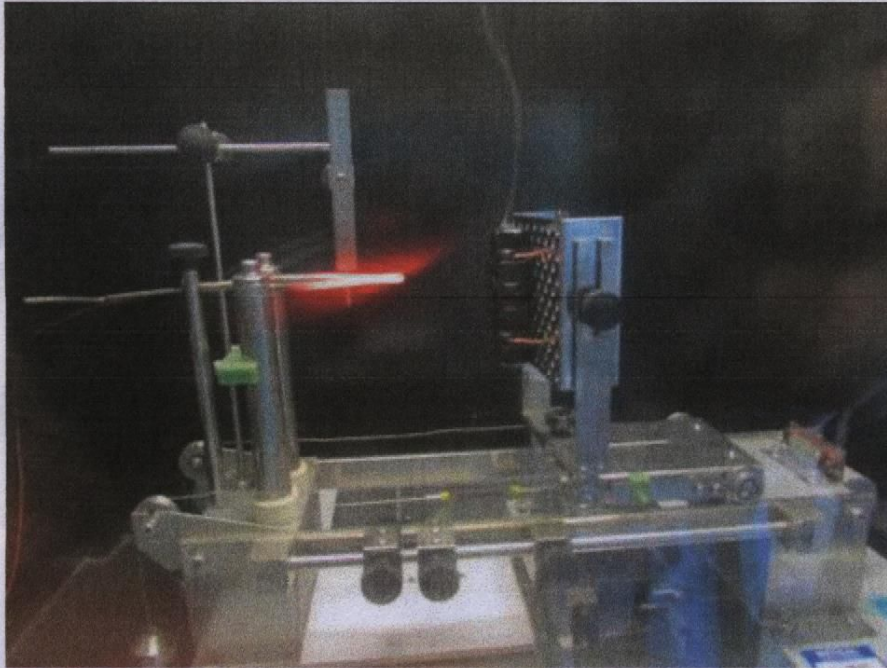
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[www.intertek-turkey.com](http://www.intertek-turkey.com)





**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



201500094TUR-001

**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

