

## 附錄(五)

<b>Customer:</b>	Siemens Ltd. Taiwan
<b>Manufacturer</b>	Isodraht GmbH
<b>Order no:</b>	
<b>Materials:</b>	CONTACT WIRE 107 mm <sup>2</sup> Shape AC
<b>Test specification:</b>	EN 50149 -2012
<b>Delivered Quantity:</b>	
<b>Drum No.</b>	

**a) Material Composition :**

**Test result :** The material was not checked

**b) Surface Check of a Contact Wire:**

**Test result :** Surface is free of cracks, flitters, seams and mechanical damages

**c) Weight, dimension, shape Contact Wire:**

**Test result :** All measurements fulfill the requirements of the standard

Test Result	specimen / drum number											
	Min.	Max.	1	2	3	4	5	6	7	8	9	10
Weight [kg/km]	922	980	933									
Cross Section	103,8	110,2	104,8									
Clamping Groove	5,40	5,80										

**d) Tensile Strength of Contact Wire:**

**Test result :** All measurements fulfill the requirements of the standard

Test Result	specimen / drum number											
	Min.	Max.	1	2	3	4	5	6	7	8	9	10
Elongation [%]	3		5									
Breaking load [kN]	-											
Tensile strength [N/mm <sup>2</sup> ]	360		395,0									

**e) Conductivity and Resistance of Contact Wire:**

**Test result :** All measurements fulfill the requirements of the standard

Test Result	specimen / drum number														
	Min.	Max.	1	2	3	4	5	6	7	8	9	10	11	12	13
Conductivity [m/Ωxmm <sup>2</sup> ]	56		57,8												
Resistance [Ω/km]		0,171	0,165												

**f) Optional Tests**

**Test result :** All measurements fulfill the requirements of the standard

Test	Spec.:	Result:
Winding test	without breaks	ok
Torsion test	>5	6

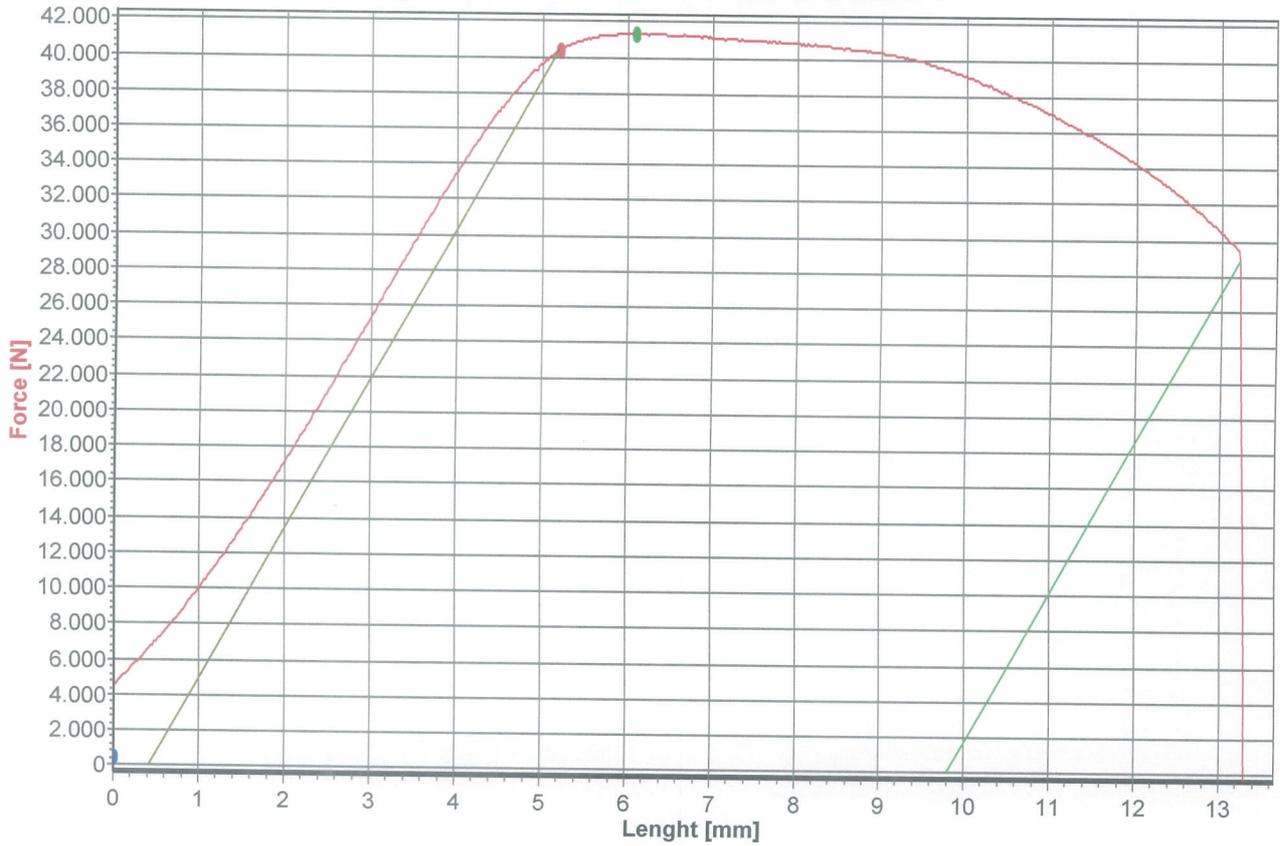
**Remarks:**

<b>Present during testing:</b>	<b>Customer:</b>	<b>Manufacturer:</b>
<i>Date and place:</i> 10.08.2018		Quality Department 

Material: Ri 107 AC  
 Kunde: Siemens Taiwan  
 Auftragsnummer: 12  
 Spulenummer: 1

Datum: 10.08.2018  
 Prüfer: Caglar / Zutavern

### Zugversuch Metalle - DIN EN ISO 6892-1



#### Test results

*Resistance 0.165 mΩ/m*

	Rp 0.2 N/mm <sup>2</sup>	Rm N/mm <sup>2</sup>	Fm N	A %
8	386	395	41339.00	5