



**AIB-VINÇOTTE NEDERLAND B.V.**

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 Safety, quality and environmental services

**WELDER QUALIFICATION AND TEST CERTIFICATE**

Code / Testing Standard	: Pressure Equipment Directive 97/23 /EG & NEN-EN-ISO 9606-1:2013	
Designation 1	: 138 P FW FM1 S t10 PF ss mb ml	Certificate ref. No. : 14-04-51021-02
Designation 2	: -	Date of welding : 21-03-2014
Manufacturer's WPS. Ref. No.	: 2014-004	Order No. : 2014-072
Welder's Name	: M. de Weert	Welder Id : MDW72
Method of Identification	: ID card	Identification No. : IRC0976K5
Date and Place of Birth	: 28-02-1972, 's-Hertogenbosch	Employer : Mark de Weert
Job Knowledge	: Not tested	

**TESTING CONDITIONS AND QUALIFICATIONS LIMITS**

Variables	Weld Test Details	Range of Approval
Welding process(es)	: 138	: 135, 138
Transfer mode	: Short-circuit	: All
Product type - Plate (P) or Pipe (T)	: Plate	: P / T ≥ 75 mm (rotating) D ≥ 500 mm (fixed) PA,PB
Type of weld	: FW	: FW
Parent material group(s) subgroups	: 1.2	: Nonessential
Filler material group(s)	: FM1	: FM1, FM2
Filler material (designation)	: M	: S, M
Shielding gas	: M21	: Nonessential
Auxiliaries	: -	: -
Type of current and polarity	: DC+	: Nonessential
Material thickness (mm)	: 10	: ≥ 3
Deposited thickness (mm)	: -	: -
Outside pipe diameter (mm)	: -	: -
Welding position	: PF	: PA, PB, PF
Weld detail	: ss mb	: ss mb, bs
Multi-layer / single layer	: ml	: sl, ml

Suppl. fillet weld test acceptable/not acceptable :

**TEST RESULTS**

Type of Test	Performed and Accepted	Not Required
Visual Examination	: Acceptable	: <input type="checkbox"/>
Radiographic Examination	: -	: <input checked="" type="checkbox"/>
Magnetic Particle/Penetrant Examination	: -	: <input checked="" type="checkbox"/>
Macro Examination	: Acc.Element DEG004-14-03-06687-2	: <input type="checkbox"/>
Fracture Test	: -	: <input checked="" type="checkbox"/>
Filet weld break Test	: Acc.Element DEG004-14-03-06687-2	: <input type="checkbox"/>
Notch Tensile Test	: -	: <input checked="" type="checkbox"/>
Additional Tests (impact & hardness)	: -	: <input checked="" type="checkbox"/>

**We certify that test welds were prepared, welded and tested satisfactorily in accordance with the requirements of the code/testing standard indicated above.**

Revalidation (9.3 a)	Revalidation (9.3 b)	Revalidation (9.3 c)
Valid until : -	Valid until : 22-03-2016	Valid until : -

Inspector

Name :  E. Kempe  
 Date : Senior Inspector  
 Signature :  01 APR. 2014

Verified by

Name :  
 Date :  
 Signature :

FOR-DK-054 r7

de Groot Lasopleidingen  
 Weidehek 24  
 BREDA, 4824 AS

**TEST CERTIFICATE**

 Date: 3/31/2014  
 Purchase Order Number: 2014-072  
 Report No.: DEG004-14-03-06687-2

**WELDERS PERFORMANCE QUALIFICATION**

Testing in accordance with:	NEN-EN-ISO 9606-1 and ASME IX
WPS No.:	2014-004 (PF)
Item Description:	Fillet weld
Dimensions:	10 mm
Material type and grade:	S355J2+AR
Identification on Sample:	welders name, welders no., WPS no.
Welding Process(es):	138
Welding Consumable(s):	FM1: T46 6 MM 1 H5: E70C-6M
Shielding gas:	M21
Welding position:	PF
Joint Type:	FW
Heat Treatment:	No
Welders Name:	M. de Weert
Welder(s) No.:	MDW72
Welders ID	IRCo976K5
Place and D.O.B.:	's Hertogenbosch, 28.02.1972

**NONDESTRUCTIVE EXAMINATION**

\* Visual examination:



**TECHNOLOGICAL TEST**

Type of test	Results
Fillet weld break test	During the examination of the fracture surface, no weld defects have been observed.

**MACROSCOPIC EXAMINATION**

Amount of Cross sections	Result
1 x	During the examination of the cross section, no weld defects have been observed.

**Conclusion:** The results satisfy the requirements.


For Element Breda,  Sandra Wevers	Testing witnessed by; AIB Vincotte  R. van Hellemond Inspector <input checked="" type="checkbox"/> Witnessed <input type="checkbox"/> Reviewed 31 MAART 2014
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All characteristics of the above object(s) have, as far as accessible and relevant, been verified by Element Materials Technology Rotterdam b.v. (Element). Other information was provided by the purchaser. This information was verified as far as possible and has been copied into this report, unchanged. We hereby certify that the reported test data is correct and that the above object(s) was (were) tested/examined in accordance with purchaser's requirements and/or the above procedure(s) and/or code(s)/specification(s). On occasion a test is subcontracted by Element (marked 'U' on the report). Opinions, interpretations and advice expressed in this report are outside the scope of any possible RVA accreditation, but are presented in a true and fair manner based on the best knowledge of the Element personnel involved. Interpretations, opinions, conclusions or advice are partly based on the examination results and partly on information supplied by the purchaser. Element does not bear responsibility for the correctness of the information submitted by the purchaser.

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