



# DET NORSKE VERITAS

## WELDER PERFORMANCE QUALIFICATION CERTIFICATE



Qualification Codes/ Standards: **NEN EN 287-1:(2011)**

Certification body : **DNV Certification B.V.**

Certificate Registration No.: **ROT 2013.22042**


Welder's name and identification: **M. Liekens / H-05 / Passport NMK033410**

Date and place of birth: **13-01-1967 / Rotterdam NL**

Employer: **HWS Holland Welding Services**


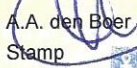

**Vierpolders NL**

Designation: **NEN EN 287-1:2011 138-D/136-S T BW 11.1 M/R D168,3 t14,3(3/11,3) H-L045 ss nb**

		Weld test details	Range qualified	 <p>Identification of test pieces: LAB 2852 HWS</p> <p>Welding Procedure Specification. No.: LAB 968</p> <p>Job knowledge acceptable <input type="checkbox"/></p> <p>Job knowledge not reviewed <input checked="" type="checkbox"/></p>
Welding process(es)		138-D + 136-S	S1: 135 + 138 S2: 136	
Plate or Tube		T	P + T	
Type of weld		BW	BW	
Base metal group(s)		11.1	1.1 + 1.2 + 1.3 + 1.4 + 11	
Filler metal	Type	M + R	root: M + S fill: R + P + V + W + Y + Z	
	Designation	A5.20: E71T-1/M A5.20:E71T-1M	Unlimited	
Material thickness (mm)		14,3	S1: 3 to 6      S1+S2: ≥5 S2: 3 to 22,6	
Pipe outside diameter (mm)		Ø 168,3	≥ Ø 84,1	
Welding position		H-L045	PA + PC + PE + PF + PH + H-L045	
Single-/both side welding		ss	ss + bs	
Single-/multi layer		na.	na.	
Backing		nb	S1: nb + mb S2: mb	
Shielding gas		M21	Unlimited	
Other (e.g. backing gas)		na.	Unlimited	

Place/date of welding: **Vierpolders NL / 20-09-2013**

Examiner: **A. Verduyn (IWT 650)**

Type of inspection/test	Performed & accepted or not required	Reference document No.	Place: <b>Barendrecht</b> Date: <b>14-10-2013</b>  Qualification valid until:  <b>20-09-2015</b>  For DNV Certification B.V. Signature:  Stamp:   
Visual	Performed accepted	WPTR LAB 2852 HWS	
Radiography	Performed accepted	MME Report 13RS00076	
Ultrasonic	Not required	---	
Magnetic particle	Not required	---	
Dye penetrant	Not required	---	
Macro	Not required	---	
Fracture	Not required	---	
Bend	Performed accepted	MME Report 3159/1 page 1 of 1	
Other	Not required	---	

See reverse side for confirmation statement by employer and prolongation by DNV Certification B.V. Additional information may also be stated in the column "Supplementary remarks".





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WELDER PERFORMANCE QUALIFICATION CERTIFICATE



Supplementary remarks (Information regarding job knowledge, certificate issued on the basis of previous approval etc.)

**Certificate Registration No.: ROT 2013.22042**

**Statement regarding validity conditions**

Employers confirmation Ref. inspection/test reports	Place	Date	Function / Title	Signature
1				
2				
3				
Prolongation of certificate by DNV certification BV				Signature + Stamp
4				
Employers confirmation Ref. inspection/test reports	Place	Date	Function / Title	Signature
5				
6				
7				
Prolongation of certificate by DNV certification BV				Signature + Stamp
8				
Employers confirmation Ref. inspection/test reports	Place	Date	Function / Title	Signature
9				
10				
11				
Prolongation of certificate by DNV certification BV				Signature + Stamp
12				

This Certificate of Competence is valid only after signing by the certificateholder as per examination date. The validity conditions of this Certificate of Competence are specified in the relevant standard, endorsed by the Curriculum Committee "Verbindingstechnieken". The DNV certification procedure 3-C.3 and the General Conditions DNV Certification B.V. are available free of charge at DNV Certification B.V. Tel: 010-29 22 810.

Agreed and signed,

on behalf of

The Certificateholder,

DNV Certification B.V.

A.A. den Boer

BUSINESS  
ASSURANCE

This certificate is property of DNV Certification B.V. Misuse of this Certificate of Competence will render this certificate invalid. DNV Certification BV is registered at the Dutch College Bescherming Persoonsgegevens ("protection of personal data") by number m1012137.