

WELDER'S QUALIFICATION TEST CERTIFICATE

according to NEN-EN-ISO 9606-1: 2017

DNV-GL

Certificate No.:
A0619524-175
Rev.: 0
Ref.: WPS-DNVGL-2019-34

Designation(s) ISO 9606-1

141 T BW FM3 S t=9.10 (s1=9.10) D 48.3 H-L045 ss, nb

Approval body

Det Norske Veritas B.V., the Netherlands

Welder's name: Grzegorz Idasiak
Method of identification: Identiteitsbewijs /
Date and place of birth: 1979-01-20 / Polen
Employer: W.P.S. Welding Services
WPS - Reference: WPS-141-6G-P11-02
Job knowledge: Not tested

Welding data	Test Piece	Range of qualification NEN-EN-ISO 9606-1:2017
Welding process(es)	141	141, 142, 143, 145
Transfer mode	N.A.	N.A.
Current and polarity	DC neg	N.A.
Product type Type of weld	T BW	P, T BW, branch joints with an angle $\geq 60^\circ$
Material group(s)	5.1 (A/SA 335 P11)	N.A.
Filler metal group and type	FM3, S, ISO 21952-A: W CrMo1Si	FM1, FM2, FM3, S, M
Shielding gas	It	N.A.
Auxiliaries (e.g. backing gas)	N.A.	N.A.
Material thickness (mm)	t=9.10 mm	N.A.
Deposite weld thickness (mm)	S1:9.10mm	S1:3.00 - 18.20 mm
Outside pipe diameter (mm)	48.3 mm	D \geq 25 mm
Welding position	H-L045	PA, PC, PE, PF
Weld details	ss, nb	ss nb - ss mb - bs - ss gb - ss fb
Suppl. FW Test piece (5.4e)	N.A.	N.A.

(*) S1/S2 welded in 3 or more layers.

Type of qualification tests	Performed and accepted	Not tested	
Visual testing	Yes	-----	Accept. NEN EN ISO 9606-1 clause 7 403214514
Radiographic testing	Yes	-----	
Ultrasonic testing	-----	Not tested	
Liquid Penetrant testing	-----	Not tested	
Magnetic testing	-----	Not tested	
Bend test	-----	Not tested	
Macroscopic examination	-----	Not tested	
Fracture test	-----	Not tested	
Hardness examination	-----	Not tested	
Impact testing	-----	Not tested	
Tensile test	-----	Not tested	

Place of welding: Rotterdam
Date of welding: 2019-09-03
Valid till: 2021-09-03
Issue date: 2019-09-10
Issue place: Barendrecht
Surveyor: Stefan Verhagen

Verified by



See reverse side for prolongation by employer every 6 months, and examiner/test body's prolongation every 2 years. Additional information may also be stated in the column 'supplementary remarks'.

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