

WELDING PROCEDURE QUALIFICATION RECORD (PQR)
(Section IX, ASME Boiler and Pressure Vessel Code)

TUV NORD

Procedure Qualification Record No: wPQR-EK-BW-01

Tensile- Tests (QW-150) (2360.17.4281)

Specimen No	Width (mm)	Thickness (mm)	Area (mm ²)	Ultimate Total Load (kN)	Ultimate Unit Stress (N/mm ²)	Type of Failure & Location
1	-	5	95	51,9	542	Material
1	-	5	95	50,63	533	Material

Guided-Bend Tests (QW-160) (2360.17.4281)

Type and Figure No.	Mandrel Dia.	Bending Angle	Result
Face Bend	53	180	Accept
Face Bend	53	180	Accept
Root Bend	53	180	Accept
Root Bend	53	180	Accept

Toughness tests (QW-170) (N/A)

Specimen No.	Notch Location	Specimen Size (mm)	Test Temp. (°C)	Impact Values			Drop Weight Break (Y / N)
				(Joule)	% Shear	Mils (in.) or mm	
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Average HAZ				-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Average HAZ				-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
Average WELD				-	-	-	-

Comments :

Fillet – Weld Test (QW-180)

Result- Satisfactory: ☐ Yes ☐ No Penetration into Parent Metal: ☐ Yes ☐ No
Macro - Result

Other Tests

Type of Test :	Visual Examination	Liquid Penetrant Test	Radiographic Examination	Hardnes Test	Macro Test
Report No :	Tuv Nord	-	-	-	-
Result :	Satisfactory	-	-	-	-
Deposit Analysis	-				
Other	-				

Welder's Name Fuat KALIN

Welding test conducted by Aziz ÜNLÜ - TÜV NORD (TÜV Teknik Kontrol ve Belgelendirme A.Ş.)

Mechanical tests conducted by QVV Tahrifatlı ve Tahrifsız Test Lab. Test No. As Above

We certify that the statements in this record are corrected and that the test welds were prepared, welded and tested in accordance with the requirements of Section IX of the ASME Code. This certificate is issued under the scope of ISO/IEC 17020 accreditation by TÜRKAK. The accreditation status would be verified via <https://secure.turkak.org.tr/kapsam/search> under accreditation number of AB-0100-M.

Certified By: TÜV Teknik Kontrol ve Belgelendirme A.Ş. (Nobo 2354)

Authorized Expert: AZİZ ÜNLÜ

SIGNATURE :

Date :16.10.2017

TÜV Teknik Kontrol ve Belgelendirme A.Ş.

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