

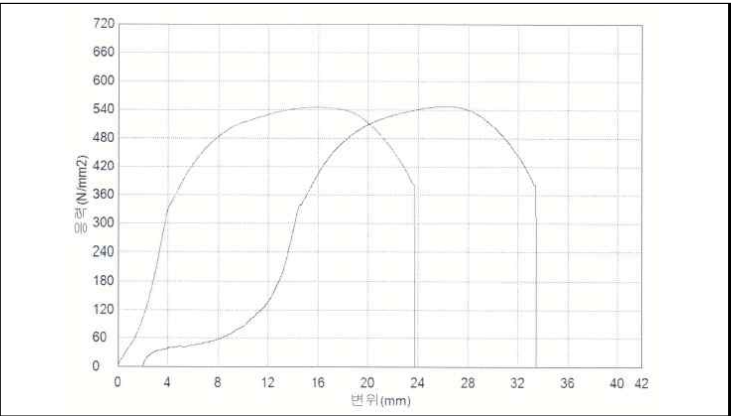
	PROCEDURE QUALIFICATION RECORD (PQR)	Report No.	TAK-2018-083871
		Company	Jeil Laser
		Date of Report	Jun. 07th. 2018.

1. Tensile Test

Specimen No.	Thickness (mm)	Width (mm)	Area(mm ²)	Ultimate Tensile Load(kN)	Tensile Strength(N/mm ²)	Type of Failure & Location
No. 1	10.03	19.89	199.50	108.639	545	Ductile, Base Metal
No. 2	9.95	20.00	199.00	108.806	547	Ductile, Base Metal

접수번호	TAK-2018-083871	조건 파일명	AWS
시험자	김영준	시험일	2018-06-04
온도(°C)	(시작): 21.5, (종료): 21.5	습도(% R.H.)	(시작): 49, 종료: 49
시험종류	인장		

이름	폭	두께	단면적	최대점 하중	최대점 응력
파라미터				전 구간에서 계산	전 구간에서 계산
단위	mm	mm	mm ²	kN	N/mm ²
1_1	19.89	10.03	199.50	108.639	544.57
1_2	20.00	9.95	199.00	108.806	546.76

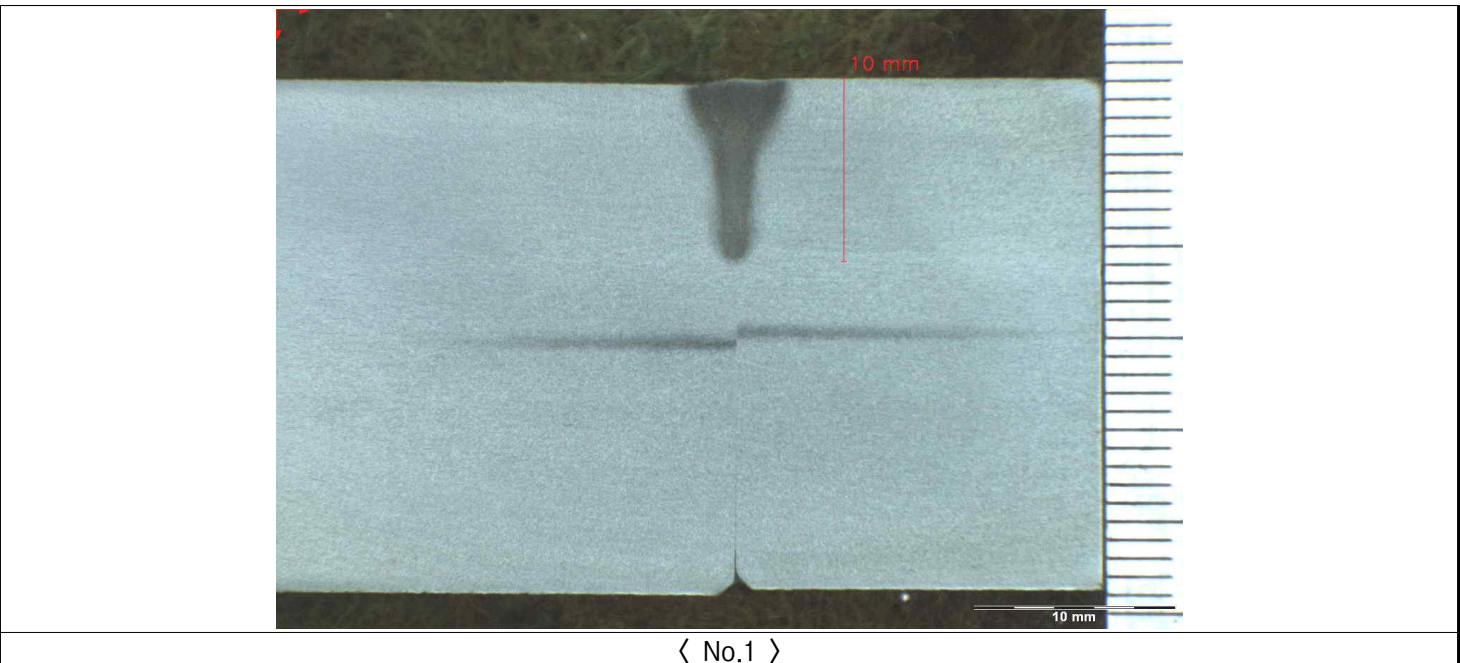


2. Guide Bend Test

□ Plunger Diameter: 4 times of Specimen Thickness, Bend Angle: 180 °

Specimen No.	Type of Bend	Result	Remarks
No. 1	Transverse Side Bend Test	No Open Discontinuity	Acceptable
No. 2	Transverse Side Bend Test	No Open Discontinuity	Acceptable
No. 3	Transverse Side Bend Test	No Open Discontinuity	Acceptable
No. 4	Transverse Side Bend Test	No Open Discontinuity	Acceptable

3. Macro Etch Test





< No.2 >



< No.3 >

We certify that the statements in this record are correct and that the test coupons tested in accordance with the requirements of D1.1 of the AWS Code.

Materials SM490 28T+SM490 28T Welder RYU.J.S(1-1)
 Welding Position 1G Welding Process LBW
 Tester Y. J. OH 오연준 Approved by T. H. KIM 김태훈