

# FERMILAB

COPY

## Welder Qualification Test Record

Welding Process GTAW Type Manual

Test in Accordance With WPS # ES-18703 Root Open

Material Specification SA 53-B To Material Specification SA 53-B

P-No 1 To P-No 1 Thickness 2 1/2" Diam 6"

Filler Metal Specification SFA A5.18 Classification ER-70S-2 F-No 8

Thickness of Base Metal \_\_\_\_\_

Backing None Gas Shielding Argon

Position 2-G Progression Horizontal

Welding Position Vertical Direction Down

Welding Position Vertical Direction Down

### GUIDED BEND TEST RESULTS

Specimen No	Type	Figure	Result
1	Face	GW-482.3a	Acceptable
2	Face	GW-482.3a	Acceptable
3	Root	GW-482.3a	Acceptable
4	Root	GW-482.3a	Acceptable

Test Conducted By IFR Engineering, Test No. 12088-09-011, Date 1/16/99

We certify that the statements in this record are correct and that the test welds were prepared, welded and tested in accordance with the requirements of Section IX of the ASME Code.

By [Signature]

Date: 1/16/99

# FERMILAB

## Welding Operator Qualification Test Record

Welder's Name Leszcy Markowicz Ident No. 9222231 Date 02-02-03

Welding Process GTAW Type Manual

Test in Accordance With WPS # N/A Prod          Disting         

Visual Control Visual AVC None

### GUIDED BEND TEST RESULTS

Specimen No.	Type	Flange Number	Results
<u>1</u>	<u>Face</u>	<u>QW 462 274</u>	<u>Acceptable</u>
<u>2</u>	<u>Root</u>	<u>QW 462 274</u>	<u>Acceptable</u>
<u>3</u>	<u>Edge</u>	<u>QW 462 274</u>	<u>Acceptable</u>
<u>4</u>	<u>Root</u>	<u>QW 462 274</u>	<u>Acceptable</u>

Test Conducted By JER Engineering Test No. 002-02 WQW020203 Date 02-02-03

We certify that the statements in this record are correct and that the test welds were prepared, welded and tested in accordance with the requirements of Section IX of the ASME Code.

By:  Date: 2-8-03