



CERTIFICATE OF ANALYSIS

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CERTIFICATE OF TYPICAL ANALYSIS

ORDER # : 354651
PART NUMBER : 243006202

CUSTOMER NAME: PACIFIC INDUSTRIAL SUPPLIES
7 WESTGATE STREET
WACOL, WACOL QLD 4076
BRISBANE, AUSTRALIA

CUSTOMERS ORDER NO: 42827
DIAMETER & LENGTH: 3/32
TRADE NAME: DUAL SHIELD
TYPE : T-115
WEIGHT: 5,760
LOT NO: 83710
CLASSIFICATION : E111T5-K4
AWS A5.29:2005,ASME SFA 5.29

CHEMICAL ANALYSIS :

Table with 4 columns: PROPERTIES, SPEC. REQUIREMENTS, ADDL. CHEMISTRY. Rows include Carbon, Manganese, Silicon, Phosphorus, Sulphur, Chromium, Nickel, Molybdenum, Vanadium, Copper, and Column 1/2 Chemistry.

RADIOGRAPHY :

XRAY Satisfactory

TENSILE REQUIREMENTS :

AS WELDED
MIN YIELD(psi) : 98000
MIN YIELD(MPa) : 680
MIN TENSILE(psi) : 110000
MIN TENSILE(MPa) : 760
MIN ELONG : 15.0
MAX TENSILE(psi) : 130000
MAX TENSILE(MPa) : 900

TENSILE RESULTS :

Table with 3 columns: AS WELDED, AS WELDED. Rows include GAS USED, CALCULATE YIELD, CALCULATE TENSILE, and % ELONGATION / % REDUCTION OF AREA.

The ESAB Group, Inc.

1500 Karen Lane
Hanover, PA 17331
www.esab.com
Fax: 1-800-444-8911
Phone: 1-800-123ESAB

By: K. Wildasin
K. Wildasin, Supervisor, Q.A. Services





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CHARPY V-NOTCH REQUIREMENTS:

AS-WELDED :

CVN TEMPERATURE (F) : -60
CVN TEMPERATURE (C) : -51
CVN AW MIN (FT-LBS) : 20
CVN AW MIN (JOULES) : 27

CHARPY V-NOTCH RESULTS:

AS-WELDED :

TEMP (F)	FT-LBS	TEMP (C)	JOULES	GAS
-60	34	-51	46	CO2
-60	36	-51	49	75/25

FILLET : Satisfactory

This material is certified to be free of any mercury.

The undersigned certifies that the product supplied will meet the requirements of the applicable AWS Filler Metal Specification when tested in accordance with that specification.

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