



## CERTIFICATE OF ANALYSIS

DATE : 09/23/007

PAGE : 1

ORDER # : 310811  
PART NUMBER: 242201424

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

CUSTOMER ORDER NO: 41778  
DIAMETER & LENGTH: 1/16  
TRADE NAME: CORESHIELD  
TYPE : 11  
WEIGHT: 2,376  
LOT NO: 82458  
CLASSIFICATION : E71T-11

This material conforms to :  
AWS A5.20-95, ASME SFA 5.20

RADIOGRAPHY :  
XRAY

Satisfactory

TENSILE REQUIREMENTS:

## AS WELDED

MIN YIELD(psi) : 58000  
MIN YIELD(MPa) : 400  
MIN TENSILE(psi) : 70000  
MIN TENSILE(MPa) : 480  
MIN ELONG : 20.0

MAX TENSILE(MPa) :

TENSILE RESULTS :

## AS WELDED

CALCULATE YIELD(psi) : 73300  
CALCULATE YIELD(Mpa) : 506  
CALCULATE TENSILE(psi) : 99000  
CALCULATE TENSILE(Mpa) : 683  
% ELONGATION : 23.0  
% REDUCTION OF AREA : 38.7

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, and that no significant change has been made in the elements described in the qualification approval

The ESAB Group, Inc.  
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By:

*K. Jeldness*

