



business and training services ltd

Unlocking Potential, Delivering Performance

MGTS Business and Training Services Limited

Certifies that

CARL SCOTT-HORSCROFT

of

COMPRESSED AIR SOLUTIONS LTD

Attended and completed the following
training and development

GTAW (TIG) WELDING

on

23—27 APRIL 2012

Course Tutor

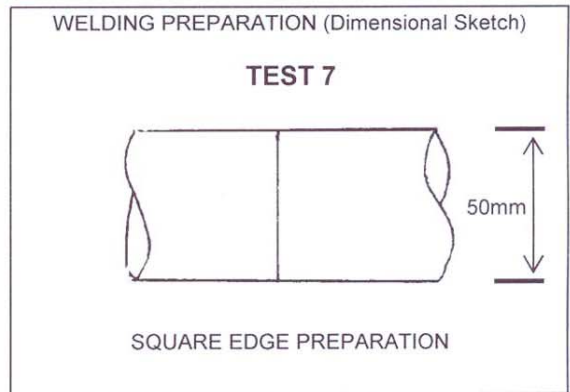
WELDER APPROVAL TEST CERTIFICATE (BS 4872 : Part 1 : 1982)

MANUFACTURER'S NAME: COMPRESSED AIR SOLUTIONS	
WELDER'S NAME AND IDENTITY N^o: CARL SCOTT-HORSCROFT 150874	
TEST RECORD N^o: 2012/031	DATE OF TEST: 26 APRIL 2012

TEST PIECE DETAILS	EXTENT OF APPROVAL
WELDING PROCESS: TIG	WELDING PROCESS: TIG
PARENT MATERIAL(s): AUSTENITIC STAINLESS STEEL	MATERIALS RANGE: AUSTENITIC STAINLESS STEEL
THICKNESS: 1.5mm	THICKNESS RANGE: 0.75 mm to 3mm
JOINT TYPE: BUTT WELD IN PIPE (With Backing)	For pipe in above thickness and diameter ranges: JOINT TYPE: (a) any butt weld in pipe, with or without backing (b) any branch joint with a hole in the main pipe. Also for butt welds in plate as given in table 3, but in above thickness ranges and welding positions
PIPE OUTSIDE DIAMETER: 50mm	PIPE OUTSIDE DIAMETER RANGE: 25mm to 10mm diameter
WELDING POSITION(s): 45° inclined	WELDING POSITION(s): Overhead, Vertical Up, Horizontal and Flat
TEST PIECE POSITION: FIXED	CONSUMABLES: AS USED FOR TEST
REMARKS: PIPE ARGON BACK PURGED	

WELDING CONSUMABLES:	FILLER MATERIAL:: STAINLESS STEEL MAKE AND TYPE: RIGBY-MARYLAND COMPOSITION: 316 SPECIFICATION: BS2091 : PART 2 SIZE (s): 1mm diameter SHIELDING GAS FLUX - MAKE AND TYPE: BOC PURE ARGON COMPOSITION / SPECIFICATION: 99.99% Ar	ARC VOLTAGE: N/A LPM: 10
OTHER FACTORS (Welder's Choice):	CURRENT: 35 A	

VISUAL EXAMINATION	
WELD CONTOUR:	ACCEPTABLE
UNDERCUT OR INCOMPLETE FILLING:	ACCEPTABLE
SMOOTHNESS OF JOINS:	ACCEPTABLE
PENETRATION (No Backing):	ACCEPTABLE
PENETRATION (With Backing):	NOT REQUIRED
SURFACE DEFECTS:	ACCEPTABLE



DESTRUCTIVE TESTS	
MACRO-EXAMINATION:	NOT REQUIRED
SIDE BEND:	NOT REQUIRED
ROOT BEND:	ACCEPTABLE x 2
FILLET WELD FRACTURE:	NOT REQUIRED
BUTT WELD FRACTURE:	ACCEPTABLE

REMARKS: Test weld carried out at Midland Group Training Services Limited	<div style="border: 2px dashed red; padding: 10px;"> <h2 style="color: red; margin: 0;">APPROVAL TEST RESULTS</h2> <h1 style="color: red; font-size: 2em; margin: 0;">PASSED</h1> <div style="border: 1px solid red; padding: 5px; display: inline-block; text-align: center;"> <p style="color: red; font-weight: bold; margin: 0;">PCN</p> <p style="color: red; font-size: 0.8em; margin: 0;">NEIL RUSSELL PCN No. 310798 www.bindt.org/PCN</p> </div> </div>
RESULT: PASSED RE-APPROVAL RECOMMENDED ON OR BEFORE 26 APRIL 2014	
THE STATEMENTS IN THIS CERTIFICATE ARE CORRECT. THE TEST WELD WAS PREPARED, WELDED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF BS 4872 : PART 1 : 1982	

COMPANY REPRESENTATIVE	INSPECTING AUTHORITY OR TEST HOUSE (When Applicable)
POSITION:	WITNESSED BY: <i>N. Russell</i>
DATE:	DATE: 26-4-12

DECLARATION:

I, THE UNDERSIGNED, DECLARE THAT THE WELDER, NAMED ABOVE, HAS BEEN REGULARLY AND SATISFACTORILY EMPLOYED ON WORK COVERED BY THIS TEST CERTIFICATE DURING THE SIX MONTHS PRECEDING THE DATE OF MY SIGNATURE.

DATE	PERIOD	PERSONAL SIGNATURE	POSITION OR TITLE
	6 months		
	12 months		
	18 months		
	2 years	BSI RECOMMEND THIRD PARTY RE-APPROVAL	

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WELDER'S NAME AND IDENTITY N ^o :		CARL SCOTT-HORSCROFT	150874		
TEST RECORD N ^o :	2012/031	DATE OF TEST:	26 APRIL 2012	BS TEST N ^o :	7

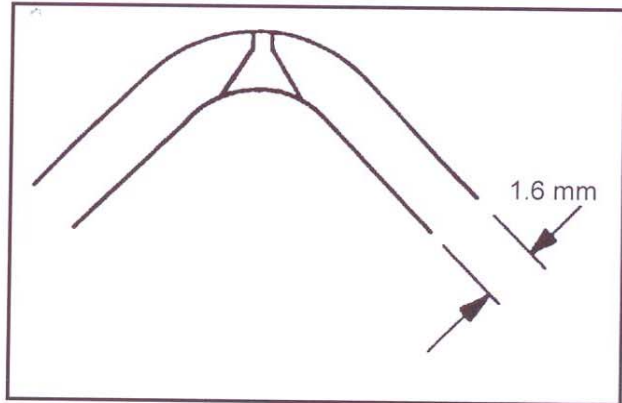
ROOT BEND TESTS

RESULT

ACCEPTABLE



NON ACCEPTABLE



RESULT

ACCEPTABLE



NON ACCEPTABLE

