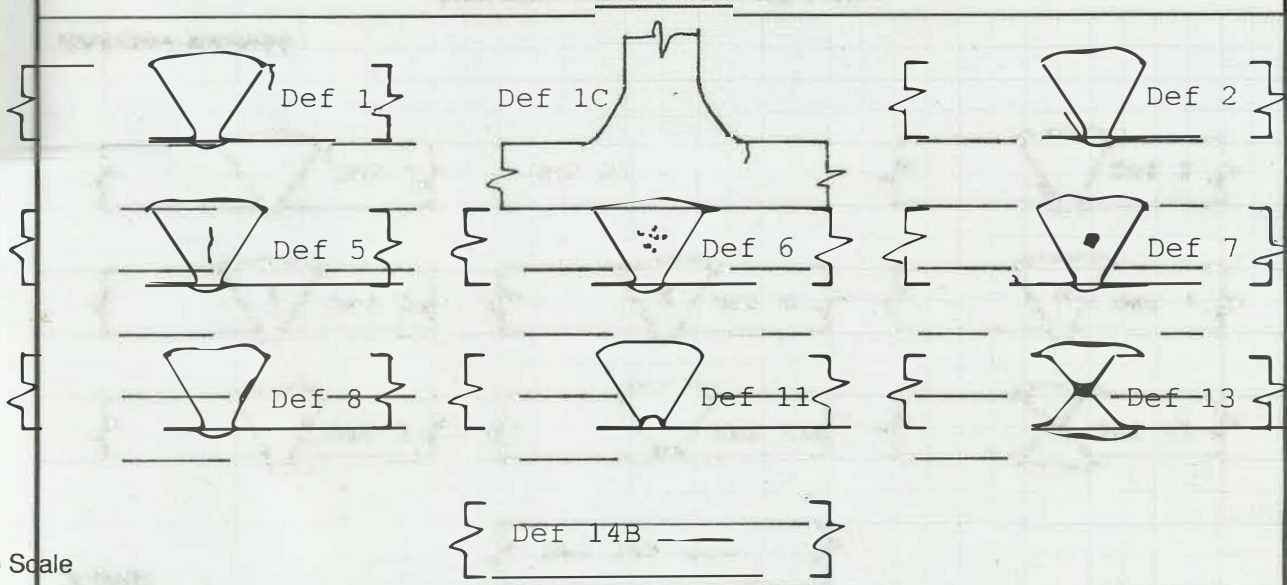




UNIT 23 LADIES WALK IND. EST.  
 CATON ROAD, LANCASTER. INTERNATIONAL Ltd.  
 TEL: 01524 34991  
 FAX: 01524 381488

## SONASPECTION ULTRASONIC KIT DEFECT LOCATION DETAILS

Weld Cross Section(s):-



To Scale

DEFECT NO.	DEFECT TYPE	DEFECT * LENGTH (mm/in)	DEFECT LOCATION (PLAN)	NDE DISCIPLINE	
				UT	RT+
1	Toe Crack	25/1.00	Central	✓	✓
1C	Toe Crack	25/1.00	Central	✓	
2	Root Crack	25/1.00	Central	✓	✓
5	Centre Line Crack	25/1.00	Central	✓	✓
6	Porosity	25/1.00	Central	✓	✓
7	Slag Inclusion	25/1.00	Central	✓	✓
8	L.O.S.W. Fusion	25/1.00	Central	✓	✓
11	Incomplete Root Pen. SV	25/1.00	Central	✓	✓
13	Incomplete Root Pen. DV	25/1.00	Central	✓	✓
14B	Lamination	25/1.00	Central	✓	

**COMMENTS:**

\*.+ or - 6mm/0.25inch  
 + Please refer to notes on front cover

The above drawings are representative of defect through wall location and through wall dimensions, not actual.

OPERATOR: **G. STOTT**

COMPANY STAMP:

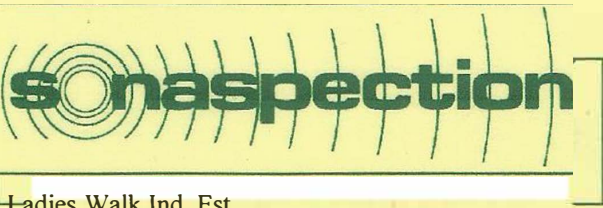
CHECKED: **P. HOLDEN**

DATE: **06/02/03**

QUALIFICATIONS:

SIGNATURE:





# Certificate of Conformance

23 Ladies Walk Ind. Est.  
Caton Road  
Lancaster LA1 3NX  
Tel: 01524 34991  
Fax: 01524 381488  
[www.sonaspection.com](http://www.sonaspection.com)

## ULTRASONIC INSPECTION NDE Specimens

This is certify that the specimens listed below were Ultrasonically tested  
Item(s) tested

- Def 1
- Def 1C
- Def 2
- Def 5
- Def 6
- Def 7
- Def 8
- Def 11
- Def 13
- Def 14B

In accordance with the following test criteria

CALIBRATION BLOCK: V2				REFERENCE BLOCKS: IOW			
TYPE OF SET: SITESCAN 150S				COUPLANT: ULTRAGEL			
SERIAL No: 1001753				SURFACE CONDITION: GROUND			
PROBE ANGLE	MHZ	SIZE		TWIN/SINGLE	PRIM REF	TRANS CORR	SCANNI
		MM	IN				
0	5	10	3/8	Twin	See SI/08/88 Rev 5-02	2	6
45	4	10	3/8	Single	See SI/08/88 Rev 5-02	2	6
60	4	10	3/8	Single	See SI/08/88 Rev 5-02	2	6
70	4	10	3/8	Single	See SI/08/88 Rev 5-02	2	6

SIZING CRITERIA: SI/08/88 Rev 5-02

REPORTING CRITERIA: SI/08/88 Rev 5-02

CERTIFICATE NUMBER

COMPANY STAMP

DATE



Signed

For and on behalf of Sonaspection International Limited