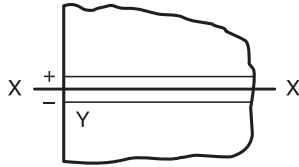


REPORT OF ULTRASONIC TESTING OF WELDS

Project _____ Report No. _____



Weld identification _____
 Material thickness _____
 Weld joint AWS _____
 Welding process _____
 Quality requirements—Section No. _____
 Remarks _____

Line Number	Indication Number	Transducer Angle	From Face (A, B, C)	Leg (I, II, III)	Decibels				Discontinuity				Discontinuity Evaluation	Remarks	
					Indication Level	Reference Level	Attenuation Factor	Indication Rating	Length	Angular Distance (sound path)	Depth from "A" Surface	Distance			
												a			b
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
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20															
21															
22															
23															
24															
25															
26															

We, the undersigned, certify that the statements in this record are correct and that the welds were prepared and tested in accordance with the requirements of AWS D14.1, (____).
 (year)

Test date _____

Manufacturer or Contractor _____

Inspected by _____

Authorized by _____

Date _____

Figure A.7—Sample Form E6

Notes:

1. In order to attain Rating "d"
 - (A) With instruments with gain control, use the formula $a - b - c = d$.
 - (B) With instruments with attenuation control, use the formula $b - a - c = d$.
 - (C) A plus or minus sign shall accompany the "d" figure unless "d" is equal to zero.
2. Distance from X is used in describing the location of a weld discontinuity in a direction perpendicular to the weld reference line. Unless this figure is zero, a plus or minus sign shall accompany it.
3. Distance from Y is used in describing the location of a weld discontinuity in a direction parallel to the weld reference line. This figure is attained by measuring the distance from the "Y" end of the weld to the beginning of said discontinuity.
4. Evaluation of Retested Repaired Weld Areas shall be tabulated on a new line on the report form. If the original report form is used, R_n shall prefix the indication number. If additional forms are used, the R number shall prefix the report number.

Figure A.7 (Continued)—Sample Form E6