Michigan Department Of Transportation 0538B (10/13)

INSPECTION AGENCY

REPORT OF ULTRASONIC EXAMINATION OF WELDS

Do **NOT** use this form for Tubular Structures (Section 10).

INSPECTOR

DATE

FABRICATOR LOCATION REPORT NO.

FICS AUTHORIZATION NO. CONTROL SECTION JOB NO.

TEST SPECIFICATION

MATERIAL THICKNESS WELD IDENTIFICATION
WELDING PROCESS WELD JOINT AWS

PLAN VIEW

COMMENTS: (METHOD, PROCEDURE NUMBER, EQUIPMENT, CONSUMABLES, ETC.)

	INDICATION	TRANSDUCER ANGLE	LEG	DECIBELS				DEFECT						
LINE NO.				z	E.	ATTENUATION FACTOR	Z		ANGULAR DISTANCE (SOUTH PATH)	DEPTH FROM "A" SURFACE	DISTANCE		YTI NO	
				INDICATION LEVEL	REF. LEVEL		INDICATION RATING	LENGTH			FROM X	FROM X	DISCONTINUITY EVALUATION	COMMENTS
				а	b	С	d							

We the above signed, certify the statements in this record are correct and the welds were prepared and tested in accordance with the requirements of

NOTES:

- 1) Use leg I or II see glossary of terms
- 2) 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 + OR sign must accompany the "D" figure unless "D" is equal to zero.
- 3) Distance from X is used in describing the location of weld discontinuity in a direction perpendicular to the weld reference line.

 Unless this figure is zero, A + OR sign must accompany it.
- 4) Distance from Y is used in describing the location of 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.
- 5) Make separate report following repairs. (Suffix Report No. with R1, R2, etc.)