



ACUREN

AWS ULTRASONIC EXAMINATION REPORT

Acuren Inspection, Inc.

104 James Street
Smithville, MO, 64089, USA
Phone: 913.441.3451

www.acuren.com
A Higher Level of Reliability

Report Number: SMI520491

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CUSTOMER: Intertek PSI		ACUREN SERVICE CALL #: 303-J267840	DATE: 10/23/2025
LOCATION/ADDRESS: Lee's Summit Med Center ED - 2100 SE Blue Pkwy, Lee's Summit, MO 64063		CUSTOMER CONTACT: Mahdi Sahafnia, Rick Fobair	
PART # / DRAWING #: Project: Lee's Summit Med Center ED IPEX North & East		CUSTOMER PO #: 0353-4146	CUSTOMER WO #: N/A
ITEM DESCRIPTION: CJP Welds		STAGE OF MANUFACTURE: Final	SURFACE CONDITION: As Welded

SURFACE PREPARATION: Wire wheeled	COMMENT: UT Shearwave of welds	PARTS INSPECTED: 13	ACCEPTABLE: 13	REJECTED: 0
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NDE PROCEDURE UT-3	REV. 10	SPECIFICATION/CODE AWS D1.1	REV./EDITION 2020	ACCEPTANCE STANDARD AWS D1.1 Statically loaded nontubular
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JOINT TYPE: Single Bevel	Type A ☐	Type B ☐	Type C ☒	Other ☐
$P = 2 * \tan B * T$ $Range = 2 * t / \cos B$ $A = \sin B * S$	$D1 = \cos B * S$ $D2 = 2T - (\cos B * S)$ Note: T = Thickness	FACE A FACE B	FACE A FACE B	FACE A FACE B

MATERIAL: Carbon Steel	THICKNESS: 0.75-1.5 in.	LENGTH: Various in.	WIDTH: Various in.	QUANTITY: 13	ITEM TEMP.: 52 °F	CAL. BLK TEMP.: 55 °F
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TECHNIQUE: ☐ Longitudinal ☒ Shearwave ☐ Other	TYPE OF EXAM: Flaw Detection	COUPLANT TYPE: Sonotech Echogel 20	BATCH NO.: 21J072
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INSTRUMENT MANUFACTURER: Olympus Epoch	MODEL: 650	SERIAL NO.: 160159702	CAL. DUE DATE: 12/20/2025
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TRANSDUCER: ☒ Single ☐ Dual	FREQUENCY: 2.25	WEDGE ANGLE: 70	MANUFACTURER: Olympus	SERIAL NO.: 037091	SIZE: 0.625"x0.75"	MEASURED ANGLE: 70	DELAY: 0
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CALIBRATION BLOCK: ☒ Curved ☐ Flat	TYPE: DSC Block	MATERIAL: Carbon Steel	MANUFACTURER: Olympus	S/N: 3627 15
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Weld ID	Ind No.	Trans Angle	Leg	Decibels				Defect			Distance		Disc. Eval.	Accept/ Reject	Comments
				Ind Lvl A	Ref Lvl B	Att Fct C	Ind Rate D	Length	Ang. Dist.	Depth	From X	From Y			
IPEX East	0	70	1-3		49.1									Accept	Moment Conn. H @ 15
	0	70	1-3		49.1									Accept	Moment Conn. J @ 15 (2 Connections)
	0	70	1-3		49.1									Accept	Moment Conn. K @ 15
	0	70	1-3		49.1									Accept	Moment Conn. K @ 14
	0	70	1-3		49.1									Accept	Moment Conn. K @ 13
	0	70	1-3		49.1									Accept	Existing Top Plate to Column H @ 15
	0	70	1-3		49.1									Accept	Existing Top Plate to Column J @ 15
	0	70	1-3		49.1									Accept	Existing Top Plate to Column K @ 15
IPEX North	0	70	1-3		49.1									Accept	Existing Top Plate to Column K @ 14
	0	70	1-3		49.1									Accept	Moment Conn. H @ 12

☐ High Temp	Wire Wheel: N/A	Other: N/A	Customer Contact: Mahdi, Rick
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Per Diam: N/A	Unit #: 3021	No. on Job: 1	Travel if Applicable: Hours: N/A Miles Total: 86	Hours Worked: N/A to N/A and N/A to N/A	Total Hours: 5
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CLIENT REPRESENTATIVE	ACUREN INSPECTOR Steve Holsted	10/23/2025	LII
Print Name / Signature	Date	Print Name / Signature	Date

Client acknowledges receipt and custody of the report or other work ("Deliverable"). Client agrees that it is responsible for assuring that acceptance standards, specifications and criteria in the Deliverable and Statement of Work ("SOW") are correct. Client acknowledges that Acuren is providing the Deliverable according to the SOW, and not any other standards.

PEER REVIEW (IF APPLICABLE):

Print Name / Signature

Date

Client acknowledges that it is responsible for the failure of any items inspected to meet standards, and for remediation. Client has 15 business days following the date Acuren provides the Deliverable to inspect it, identify deficiencies in writing, and provide written rejection, or else the Deliverable will be deemed accepted. The Deliverable and other services provided by Acuren are governed by a Master Services Agreement ("MSA"). If the parties have not entered into an MSA, then the Deliverable and services are governed by the SOW and the "Acuren Standard Service Terms" (www.acuren.com/service/terms) in effect when the services were ordered.



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AWS ULTRASONIC EXAMINATION CONTINUATION SHEET

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Weld ID	Ind No.	Trans Angle	Leg	Decibels				Defect			Distance		Disc. Eval.	Accept/ Reject	Comments
				Ind Lvl A	Ref Lvl B	Att Fct C	Ind Rate D	Length	Ang. Dist.	Depth	From X	From Y			
IPEX North	0	70	1-3		49.1									Accept	Existing Top Plate to Column E @ 12
	0	70	1-3		49.1									Accept	Existing Top Plate to Column F @ 12
	0	70	1-3		49.1									Accept	Existing Top Plate to Column G @ 12

Client acknowledges that it is responsible for the failure of any items inspected to meet standards, and for remediation. Client has 15 business days following the date Acuren provides the Deliverable to inspect it, identify deficiencies in writing, and provide written rejection, or else the Deliverable will be deemed accepted. The Deliverable and other services provided by Acuren are governed by a Master Services Agreement ("MSA"). If the parties have not entered into an MSA, then the Deliverable and services are governed by the SOW and the "Acuren Standard Service Terms" (www.acuren.com/serviceterms) in effect when the services were ordered.