

# QUTE-LSP REPORT DATA SHEET



Sample ID: \_\_\_\_\_

Candidate: \_\_\_\_\_

Nominal Thickness: \_\_\_\_\_ Weld Type (circle one): ERW, Flash, SAW, DSAW

Session: \_\_\_\_\_

Ind.	Primary Technique	Setup #	Secondary Technique(s)	Setup #	Flaw Type	ID/OD/MW	Flaw Start	Flaw Stop	Total Length	Grouped	Flaw Height*	Remaining Ligament	Location (A/CL/B)
1										<input type="checkbox"/>			
2										<input type="checkbox"/>			
3										<input type="checkbox"/>			
4										<input type="checkbox"/>			
5										<input type="checkbox"/>			
6										<input type="checkbox"/>			

Flaw Type	Code
Crack	CR
Hook Flaw	HF
Lack of Fusion	LOF
Inclusion	INC
Lamination	LAM
Selective Seam Corrosion	SSWC
Internal/External Metal Loss*	IML/EML
Offset	OS
Under/Over Trim*	UTR/OTR
Contact Marks	CM

\* if >10% nominal thickness

A	CL →	B	0	3	6	9	12	15	18	21	24	27	30	33	36
A	CL →	B													

Sketch flaw location and number each indication

<b>Indication #1</b> 	<b>Indication #2</b> 	<b>Indication #3</b> 
<b>Indication #4</b> 	<b>Indication #5</b> 	<b>Indication #6</b> 

Technique	Code
PAUT	PAUT- SW/LW/LA/DLA/DMA
TFM	TFM- SW/LW/LA/DLA/DMA
Single/Dual Element UT	SB AB- SW/LW
Mag Particle	MP
Penetrant Testing	PT
Eddy Current	EC
Visual	VIS



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# QUTE-LSP EQUIPMENT INVENTORY



Candidate: \_\_\_\_\_ Session: \_\_\_\_\_ Date: \_\_\_\_\_

PHASED ARRAY	Instrument				Probe						
	Manufacturer	Model	Software Version	Pulser/ Elements	Probe	Mfg/ Model	Frequency	Pitch	Wedge Model	Contoured	Wedge Type
											SB / AB-S / AB-LW
											SB / AB-S / AB-LW
											SB / AB-S / AB-LW

FMC-TFM	Instrument				Probe						
	Manufacturer	Model	Software Version	Pulser/ Elements	Probe	Mfg/ Model	Frequency	Pitch	Wedge Model	Contoured	Wedge Type
											SB / AB-S / AB-LW
											SB / AB-S / AB-LW
											SB / AB-S / AB-LW

SINGLE OR DUAL ELEMENT UT	Instrument			Probe				
	Manufacturer	Model	Software Version	Frequency	Size	Single or Dual Element	Angle	Wedge Type (If applicable)
								AB-S / AB-LW / Delay Tip
								AB-S / AB-LW / Delay Tip
								AB-S / AB-LW / Delay Tip

EDDY CURRENT	Instrument			Probe						
	Manufacturer	Model	Software Version	Mfg/Model	Frequency Range	Probe Type	Absolute	Differential	Reflection	Driver Pickup
						Pencil / Array / Cross-Axis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						Pencil / Array / Cross-Axis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

MAG PARTICLE	Instrument				Particle Type	
	Manufacturer	Model	AC or DC	Black Light Model	Wet or Dry	Visible or Fluorescent

Abbreviation Key	
<b>SB</b>	Straight Beam
<b>AB-S</b>	Angle Beam S-Wave
<b>AB-LW</b>	Angle Beam L-Wave

DYE PENETRANT	Equipment		
	Penetrant Type	Removal Method	Developer Form



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# QUTE-LSP EXAM SETUP SHEET

Candidate: \_\_\_\_\_ Date: \_\_\_\_\_ API ID: \_\_\_\_\_ Session # \_\_\_\_\_

Setup #1 (UT)		
<b>Technique:</b>		
<b>Procedure:</b>	Yes / No Num:	
<b>Instrument:</b>		
<b>Calibration</b>		
Velocity	Yes / No	
Sensitivity	Yes / No	
TCG/DAC	Yes / No	Range:
Wedge Delay	Yes / No	
Focus Depth	Yes / No	Depth:
Encoded?	Yes / No / Both	
Reference Sens. (db)		
Exam Sensitivity (db)		
Reference Block(s)		
<b>Search Unit</b>		
Mfg/Model		
Wedge Model		

Setup #2 (UT)		
<b>Technique:</b>		
<b>Procedure:</b>	Yes / No Num:	
<b>Instrument:</b>		
<b>Calibration</b>		
Velocity	Yes / No	
Sensitivity	Yes / No	
TCG/DAC	Yes / No	Range:
Wedge Delay	Yes / No	
Focus Depth	Yes / No	Depth:
Encoded?	Yes / No / Both	
Reference Sens. (db)		
Exam Sensitivity (db)		
Reference Block(s)		
<b>Search Unit</b>		
Mfg/Model		
Wedge Model		

Setup #3 (UT)		
<b>Technique:</b>		
<b>Procedure:</b>	Yes / No Num:	
<b>Instrument:</b>		
<b>Calibration</b>		
Velocity	Yes / No	
Sensitivity	Yes / No	
TCG/DAC	Yes / No	Range:
Wedge Delay	Yes / No	
Focus Depth	Yes / No	Depth:
Encoded?	Yes / No / Both	
Reference Sens. (db)		
Exam Sensitivity (db)		
Reference Block(s)		
<b>Search Unit</b>		
Mfg/Model		
Wedge Model		

Setup #4 (UT)		
<b>Technique:</b>		
<b>Procedure:</b>	Yes / No Num:	
<b>Instrument:</b>		
<b>Calibration</b>		
Velocity	Yes / No	
Sensitivity	Yes / No	
TCG/DAC	Yes / No	Range:
Wedge Delay	Yes / No	
Focus Depth	Yes / No	Depth:
Encoded?	Yes / No / Both	
Reference Sens. (db)		
Exam Sensitivity (db)		
Reference Block(s)		
<b>Search Unit</b>		
Mfg/Model		
Wedge Model		

Setup #5 (Eddy Current)		
<b>Procedure:</b>	Yes / No Num:	
<b>Instrument:</b>		
<b>Probe Type (circle applicable)</b>		
Pencil / Array / Cross-Axis		
Absolute / Differential / Reflection / Driver Pickup		
Encoded?	Yes / No / Both	
Reference Block(s)		

Setup #7 (Mag Particle)		
<b>Procedure:</b>	Yes / No Num:	
Particle Type:	Wet or Dry	Visible or Flourecent

Setup #8 (Mag Particle)		
<b>Procedure:</b>	Yes / No Num:	
Particle Type:	Wet or Dry	Visible or Flourecent

Setup #6 (Eddy Current)		
<b>Procedure:</b>	Yes / No Num:	
<b>Instrument:</b>		
<b>Probe Type (circle applicable)</b>		
Pencil / Array / Cross-Axis		
Absolute / Differential / Reflection / Driver Pickup		
Encoded?	Yes / No / Both	
Reference Block(s)		

Setup #9 (Dye Penetrant)		
<b>Procedure:</b>	Yes / No Num:	
Particle Type:	Wet or Dry	Visible or Flourecent
Penetrant Type		
Removal Method:		
Developer Form		

Setup #10 (Dye Penetrant)		
<b>Procedure:</b>	Yes / No Num:	
Particle Type:	Wet or Dry	Visible or Flourecent
Penetrant Type		
Removal Method:		
Developer Form		

UT Techniques	Code	Abbreviation Key	
Phased Array UT	PAUT-SW / LW / LA / DLA / DMA	<b>SB</b>	Straight Beam
TFM	TFM-SW / LW / LA / DLA / DMA	<b>AB</b>	Angle Beam
Single/Dual Element UT	SB AB-SW/LW	<b>SW</b>	Shear Wave
		<b>LW</b>	Longitudinal Wave
		<b>LA</b>	Linear Array
		<b>DLA</b>	Dual Linear Array
		<b>DMA</b>	Dual Matrix Array