TASK: Utilize Come-a-longs and Chain Hoists

NameSocial Security No					
Apprenticeand operating the follow situations.	has ring type	demonstrat es of hoistin	ed satisfac g equipmer	tory skill ir nt in actual	setting up on-the-job
Type of Equipment	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
1. Come-a-long	-				
2 Chain Hoist					

TASK: Roll Tubes

Name	Da	te			
Social Security No	 Apprentice No				
TUBE ROLLING CHECKL					
Apprenticethe following tube rolling to					

Tı	ube Rolling Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
1.	Repair Tube Holes				}	
2.	Roll Tubes					
	Small Tubes (less than 1-1/2" diameter)	1				
-	Large Tubes (1-1/2" diameter and above)			,		
	In Confined Areas					
3.	Bell, Bead, or Weld Tube Ends					
4.	Observe and/or Participate in Testing					

Name			Date					
	Social Security No.							
HAND SIGNAL CHE	CKLIS	ST						
Apprenticethe following hand s	ignals	has demo in actual or	onstrated satisfac n-the-job situatio	ctory skill i ons.	n performing			
Hand Signal	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Work- ing Conditions			
1. Hoist								
2. Lower								
3. Use Main Hoist								
4. Use Whipline								
5. Raise Boom				.,,-				
6. Lower Boom								
7. Move Slowly								
8. Trolley Travel (for overhead cranes)								
9. Swing								
10. Stop								
11. Travel								
12. Dog Everything		-,			<u> </u>			
13. Travel (both tracks)					·			
14. Travel (one track)								
15. Extend Boom (telescoping boom)								
16. Retract Boom (telescoping boom)			4-					
17. Stop (one hand)			·					
18. Boom up and Lower the Load (one hand)								
19. Boom down and Raise the Load (one hand)			·					

TASK: Set Up Scaffolds

3. Needle Beam Scaffolding

		•				
Name			Date			
Social Security No			Apprentice No			
SCAFFOLDING CHECK Apprentice the following tasks re situations.	has	demonstrat for scaffold	ed satisfac ling setup	tory skill in in actual	performing on-the-job	
Scaffolding Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual · Working Conditions	
1. Tubular Scaffolding						
2. Bracket Scaffolding						

TASK: Reeve Blocks

Name	Date
TVAITE	Date
Social Security No	Apprentice No.
REEVING CHECKLIST	
Apprenticehas d the following tasks in actual on-th	emonstrated satisfactory skill in performing ne-job situations.

Reeving Task	Date	Foreman's Signature	Foreman's Social Security Number	Company Jobsite	Dangerous or Unusual Working Conditions
1. Two-Part Line					
2. Three-Part Line					
3. Four-Part Line					
4. Five-Part Line					
5. Six-Part Line					
6. Seven-Part Line					
7. Eight-Part Line					

TASK: Change Crane Booms

3. Add Jib

NameSocial Security No					
CRANE BOOM CHECKL	IST				
Apprenticethe following tasks in act	has ual on-	demonstrat the-job situ	ed satisfac ations.	tory skill in	performing
Crane Boom Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
1. Add Boom Sections					
2. Remove Boom Sections					

TASK: Tie Knots					
		•			
Name				_ Date	
Social Security No	o		Appre	entice No	
<u> </u>					
ROPE-TYING CH	ECKLIS	T			
Apprentice the following knot	s. hitch	has es. and splic	demonstrated sa	atisfactory s he-iob situa	skill in tying
3	,	, , , , , , , , , , , , , , , ,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
					Dangerous or Unusual
Knot, Hitch, or Splice	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Working Conditions
1. Square Knot					
2. Bowline					
3. Triple Bowline					
4. Bowline on the					

5. Triple Sliding Hitch

6. Scaffold Hitch7. Barrel Hitch8. Timber Hitch9. Clove Hitch10. Short Splice11. Long Splice

12. Eye or Side Splice

13. Crown or Back Splice

TASK: Align and Fit Field Components

Name	Date
Social Security No	Apprentice No
COMPONENT FIT-UP C	HECKLIST
Apprenticeing the following in ac	has demonstrated satisfactory skill in perform-tual on-the-job situations.

Component Fit-Up Skill	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
Align and Fit a Piece of Duct		·		·	
2. Align a Steam Drum		·			
3. Align a Mud Drum				- "	_
4. Align and Fit a Precipitator Box					
5. Align Base Plates for a Vessel					
6. Align a Header			2		-
7. Align a Water Wall Panel				,	
*Specify Others		· · · · · · · · · · · · · · · · · · ·			
1.					
2.					
3.					<u></u>

TASK: Weld Using S	tud A	rc			·
Name				Date _	
Social Security No			A	pprentice N	0
STUD ARC WELDIN Apprentice performing the following situations.				satisfactory actual on-	skill in the-job
Stud Arc Welding Test	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
1. Set Up SW Equipment					
2. Weld a Small Stud 1/8 - 1/4 " Diameter Using Capacitor Discharge					
3. Weld Large Stud ¼ - ¾" Diameter Using Drawn Arc (Conventional)					

TAS	K: Weld Using Flux	Core /	Arc			
Nar	me				Date _	
Soc	cial Security No			A	pprentice No	D
FL	UX-CORE ARC W	/ELD	ING CHEC	KLIST		
	orentice forming the followin ations.	g flux	has o -core arc w	demonstrated elding tasks	d satisfacto s in actual o	
Flu	x-Core Welding Test	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
1.	Double-V Butt Joint a. Flat					
	b. Horizontal					
	c. Vertical					
	d. Overhead					
2.	Single-V Butt Joint with Backing a. Flat					
	b. Horizontal					
	c. Vertical					
	d. Overhead					
3.	Single V-Butt Joint without Backing a. Flat					
	b. Horizontal					
	c. Vertical					
	d. Overhead					

TASK: Utilize Pneumatic and Electric Hoists Name ______ Date _____ Social Security No. ______ Apprentice No. _____ PNEUMATIC AND ELECTRIC HOIST CHECKLIST Apprentice ______ has demonstrated satisfactory skill in rigging and operating the following types of power-operated hoisting equipment in actual on-the-job situations. Dangerous Foreman's or Unusual Social Working Company/ Foreman's Security Number Jobsite Conditions Date Signature Type of Equipment 1. Pneumatic Hoist a. Safety checks b. Set-up c. Operate 2. Electric Hoist a. Safety checks b. Set-up

c. Operate

TASK: Set Up and Operate Cable Climbers

6. Operate the Cable Climbers with a work basket or bosun's chair

Name	Date				
Social Security No	Apprentice No				
CABLE CLIMBER CHEC Apprentice the following tasks requsituations.	has	demonstrat r Cable Cli	ed satisfact mber setur	ory skill in in actual	performing on-the-job
Cable Climber Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
Set up overhead rigging					
Assemble the scaffold platform					
3. Connect the Cable Climbers					
4. Reeve the Cable Climbers					
5. Operate the Cable Climbers in a scaffold					

TASK: Set Up and Operate an Air Tugger

Name						
Social Security						
AIR TUGGER (CHECKLI	ST				
			onstrated satisfac ob situations usir			
Tugger Task	Date	Foreman's Signature	Foreman's Social Security Number	Company Jobsite	Dangerous or Unusual Working Condition	

Tugger Task	Date	Foreman's Signature	Foreman's Social Security Number	Company Jobsite	Dangerous or Unusual Working Condition
1. Mount tugger					
2. Unwind wire rope from spool	on very				
3. Anchor wire rope onto drum					
4. Determine fleet angle					
5. Rig fair lead block		1			
6. Operate tugger					

7. Butt Weld Tube in 6G Position using Chill Ring.

Name		Date							
Social Security No.	Apprentice No.								
SHIELDED METAL ARC WELDING CHECKLIST Apprentice has demonstrated satisfactory skill in performing the following SMAW tasks in actual on-the-job situations.									
SMAW Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions				
Weld a Double-V Butt Joint. a. Flat									
b. Horizontal									
c. Vertical					ļ				
d. Overhead									
2. Weld a Single-V Butt Joint with Backing. a. Flat									
b. Horizontal									
c. Vertical									
d. Overhead									
Weld a Single-V Butt Joint without Backing. a. Flat		-							
b. Horizontal									
c. Vertical									
d. Overhead									
4. Weld a Double-Fillet Lap Joint. a. Flat									
b. Horizontal									
c. Vertical									
d. Overhead									
5. Fillet Weld Tube to Plate (4F).									
6. Butt Weld Tube at 45° Angle (6G).				•					

TASK: Weld Using Gas Metal Arc

d. Overhead

Naı	me				_ Date		
Social Security No.				Apprentice No			
Ap for	S METAL ARC WELDII prentice ming the following gautions.		_ has demo	nstrated sa ding tasks	tisfactory s	skill in per- on-the-job	
	as Metal Arc Welding Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions	
1.	Double-V Butt Joint a. Flat						
	b. Horizontal						
	c. Vertical			"			
	d. Overhead						
2.	Single-V Butt Joint with Backing a. Flat						
	b. Horizontal						
	c. Vertical						
•	d. Overhead						
3.	Single-V Butt Joint without Backing a. Flat	,					
	b. Horizontal						
	c. Vertical						

TASK: Cut and Gouge

Name		Date Apprentice No				
Social Security No						
CUTTING AND GOU	GING C	HECKLIST			***************************************	
Apprentice the following PAC educations. on-the-job situations. JOB SITUATIONS VAR APPLY TO SPECIFIC J	quipmer 1 Y, SO C I	nt setup, cutt	ing, and go	ouging task	s in actual	
Cutting/Gouging Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions	
Set up PAC Equipment	"					
Cut Straight Line a. Oxyacetylene						
b. Air Carbon Arc		•				
c. Plasma Arc						
Cut Circle a. Oxyacetylene		i .				
b. Air Carbon Arc						
c. Plasma Arc						
Cut Square a. Oxyacetylene	72 20 744 1 2 7 - 202 2 2 4 4				-	
b. Air Carbon Arc						
c. Plasma Arc	J4					
5. Cut Channel a. Oxyacetylene				-		
b. Air Carbon Arc	-					
c. Plasma Arc						
6. Cut Bevel a. Oxyacetylene						
b. Air Carbon Arc						
c. Plasma Arc						
7. Make Gouge a. Oxyacetylene		-				
b. Air Carbon Arc		**				

TASK: Weld Using Gas Tungsten Arc Name _____ Date _____ Social Security No. ______ Apprentice No. _____ **GTAW WELDING CHECKLIST** Apprentice _____ has demonstrated satisfactory skill in performing the following gas tungsten arc welding tasks in actual on-the-job situations. Foreman's Dangerous Social or Unusual Foreman's Security Company/ Working Number **GTAW Welding Task** Date **Signature Jobsite** Conditions 1. Weld a Groove Joint in Tube 2. Weld a Fillet Joint in Tube and Plate

TASK: Replace Tubes

a Single Tube

3. Replace Small Tubes in Sheets

Replace Large Tubes in Sheets

5. Observe and/or Participate in Testing

•	·					
Name			•	Date		
Social Security No			Apprentice No			
TUBE REPLACEMENT C	HECKL	.IST				
Apprentice the following tube replac						
Tube Replacement Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions	
Replace Sections of Tubes						
2 : Replace Section of						

TASK: Bevel Tubes

2. Hand Beveling

Social Security No Apprentice No BEVEL TUBE CHECKLIST Apprentice has demonstrated satisfactory skill in perforing the following tasks required for the beveling of tube ends in actual of the-job situations.	the-job situations.					·
Social Security No Apprentice No	Apprentice ing the following tasl		has demons ired for the	strated satist beveling of	factory skil tube ends i	l in perform in actual on
	Social Security No			Ap	prentice No	
Name Date	Name				Da	te

TASK: Remove Tubes Name ______ Date _____ Social Security No. ______ Apprentice No. _____ **TUBE REMOVAL CHECKLIST** Apprentice _____ has demonstrated satisfactory skill in performing the following tasks in actual on-the-job situations. Foreman's Dangerous Social or Unusual Foreman's Security Company/ Working **Tube Removal Task** Date **Signature** Number Jobsite Conditions 1. Remove Sections of Tubes

	1 4 5 6 5					
2.	Remove Section of a Single Tube (Dutchman)			:		
3.	Remove Small Tubes from Sheets					
4.	Remove Large Tubes from Sheets					
5.	Remove Tube Sheet				 	
					n e	

TASK: Inspect and Care for Rigging Accessories

Name	_ Date						
Social Security N	lo	Appro	pprentice No.				
INSPECTION AN	ID CAR	E CHECKLI	CKLIST				
Apprentice the following task in actual on-the-j	(s requi	red for the in	onstrated satisfacts	etory skill in e of rigging	performing accessories		
Rigging Accessory	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Condition		
1. Blocks							
2. Sheaves							
3. Cable clips				<u> </u>			
4. Chains							
5. Chain falls							
6. Come-a-longs							
7. Tirfor jacks					<u> </u>		
8. Drums	-		-		 		
9. Fiber rope							
10. Wire rope							
11. Hooks				 -			
12. Jacks		<u></u>			<u> </u>		
13. Ladders							
14. Rigging/safety belts							
15. Shackles				-			
16. Slings							
17. Spreader bars and beams							
18. Tuggers			·	···			
19. Turnbuckles							