

Name \_\_\_\_\_ Date \_\_\_\_\_

Social Security No. \_\_\_\_\_ Local No. \_\_\_\_\_

**AIR TUGGER CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks in actual on-the-job situations using air-tugger.

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

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**COME-A-LONG AND CHAIN HOIST CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in setting up and operating the following types of hoisting equipment in actual on-the-job situations

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					

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**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

<b>Type of Equipment</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Pneumatic Hoist					
a. Safety Checks					
b. Set-up					
c. Operate					
2. Electric Hoist					
a. Safety Checks					
b. Set-up					
c. Operate					

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**CABLE CLIMBER CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks required for Cable Climber setup in actual on-the-job situations

<b>Cable Climber Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Set up overhead rigging					
2. Assemble the scaffold platform					
3. Connect the Cable Climbers					
4. Reeve the Cable Climbers					
5. Operate the Cable Climbers in a scaffold installation					
6. Operate the Cable Climbers with a work basket or bosun's chair					

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**SCAFFOLDING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks required for scaffolding setup in actual on-the-job situations

<b>Scaffold Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Tubular Scaffolding					
2. Bracket Scaffolding					
3. Needle Beam Scaffolding					

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**INSPECTION AND CARE CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks required for inspection and care of rigging accessories in actual on-the-job situations

<b>Rigging Accessory</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Blocks					
2. Sheaves					
3. Cable clips					
4. Chains					
5. Chain Falls					
6. Come-a-longs					
7. Tirth jacks					
8. Drums					
9. Fiber rope					
10. Wire rope					
11. Hooks					
12. Jacks					
13. Ladders					
14. Rigging/safety belts					
15. Shackles					
16. Slings					
17. Spreader bars and beams					
18. Tuggers					
19. Turnbuckles					

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**ROPE TYING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in tying the following knots, hitches, and splices in actual on-the-job situations

<b>Knot, Hitch, or Splice</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Square Knot					
2. Bowline					
3. Triple Bowline					
4. Bowline on the Bight					
5. Triple Sliding Hitch					
6. Barrel Hitch					
7. Timber Hitch					
8. Clove Hitch					
9. Short Splice					
10. Long Splice					
11. Eye or Side Splice					
12. Crown or Back Splice					

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**REEVING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks in actual on-the-job situations

<b>Reeving Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
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					



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**CRANE BOOM CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks in actual on-the-job situations

<b>Crane Boom Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Add Boom Sections					
2. Remove Boom Sections					
3. Add Jib					

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**HAND SIGNAL CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following hand signals in actual on-the-job situations

<b>Hand Signal</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
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					
13. Travel (both tracks)					
14. Travel (one track)					
15. Extend Boom (telescoping boom)					
16. Retract Boom (telescoping boom)					
17. Stop (one hand)					
18. Boom up and Lower the Load (one hand)					
19. Boom Down and Raise the Load (one hand)					

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**SHIELDED METAL ARC WELDING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following SMAW tasks in actual on-the-job situations.

<b>SMAW Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Weld a Double-V Butt Joint.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					
2. Weld a Singal-V Butt Joint with Backing.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					
3. Weld a Singal-V Butt Joint without Backing.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					
4. Weld a Double-Fillet Lap Joint.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					
5. Fillet Weld Tube to Plate (4F).					
6. Butt Weld Tube at 45° Angle (6G).					
7. Butt Weld Tube in 6G Position using Chill Ring.					

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**GTAW CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following gas tungsten arc welding tasks in actual on-the-job situations.

<b>GTAW Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Weld a Groove Joint in Tube					
2. Weld a Fillet Joint in Tube and Plate					

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**GAS METAL ARC WELDING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following gas metal arc welding tasks in actual on-the-job situations.

<b>Gas Metal Arc Welding Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Weld a Double-V Butt Joint.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					
2. Weld a Singal-V Butt Joint with Backing.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					
3. Weld a Singal-V Butt Joint without Backing.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhaed					

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**CUTTING AND GOUGING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following PAC equipment setup, cutting, and gouging in actual on-the-job situations.

**JOB SITUATIONS VARY, SO CRITERIA BELOW ARE SUGGESTED AND DO NOT APPLY TO SPECIFIC JOBS.**

Cutting/Gouging Task	Date	Foreman's Signature	Foreman's Social Security Number	Company / Jobsite	Dangerous or Unusual Working Conditions
1. Set up PAC Equipment					
2. Cut Straight Line					
a. Oxyacetylene					
b. Air Carbon Arc					
c. Plasma Arc					
3. Cut Circle					
a. Oxyacetylene					
b. Air Carbon Arc					
c. Plasma Arc					
4. Cut Square					
a. Oxyacetylene					
b. Air Carbon Arc					
c. Plasma Arc					
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					

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**FLUX-CORE ARC WELDING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following flux-core arc welding tasks in actual on-the-job situations.

			Foreman's Social Security Number	Company / Jobsite	Dangerous or Unusual Working Conditions
<b>Flux-Core Welding Test</b>	<b>Date</b>	<b>Foreman's Signature</b>			
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					

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**STUD ARC WELDING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following stud arc welding tasks in actual on-the-job situations.

			Foreman's Social Security Number	Company / Jobsite	Dangerous or Unusual Working Conditions
<b>Stud Arc Welding Test</b>	<b>Date</b>	<b>Foreman's Signature</b>			
1. Set Up SW Equipment					
2. Weld a Small Stud 1/8 - 1/4" Diameter Using Capacitor Discharge					
3. Weld Large Stud 1/4 - 3/4" Diameter Using Drawn Arc (Conventional)					



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**COMPONENT FIT-UP CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following in actual on-the-job situations.

Component Fit-Up Skill	Date	Foreman's Signature	Foreman's Social Security Number	Company / Jobsite	Dangerous or Unusual Working Conditions
1. 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					
7. Align a Water Wall Panel					
<b>* Specify Others</b>					
1.					
2.					
3.					

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**TUBE REMOVAL CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks in actual on-the-job situations.

			Foreman's Social Security Number	Company / Jobsite	Dangerous or Unusual Working Conditions
<b>Tube Removal Task</b>	<b>Date</b>	<b>Foreman's Signature</b>			
1. Remove Sections of Tubes					
2. Remove Section of a Single Tube (Dutchman)					
3. Remove Small Tubes from Sheets					
4. Remove Large Tubes from Steets					
5. Remove Tube Sheet					

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**STUD ARC WELDING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tasks required for the beveling of tube ends in actual on-the-job situations.

			<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
<b>Beveling Task</b>		<b>Date</b>	<b>Foreman's Signature</b>		
1.	Machine Beveling				
2.	Hand Beveling				

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**TUBE REPLACEMENT CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tube replacement tasks in actual on-the-job situations.

<b>Tube Replacement Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Replace Sections of Tubes					
2. Replace Section of a Single Tube					
3. Replace Small Tubes in Sheets					
4. Replace Large tubes in Sheets					
5. Observe and/or Participate in Testing					

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**TUBE ROLLING CHECKLIST**

Apprentice \_\_\_\_\_ has demonstrated satisfactory skill in performing the following tube rolling tasks in actual on-the-job situations.

<b>Tube Replacement Task</b>	<b>Date</b>	<b>Foreman's Signature</b>	<b>Foreman's Social Security Number</b>	<b>Company / Jobsite</b>	<b>Dangerous or Unusual Working Conditions</b>
1. Repair Tube Holes					
2. Roll Tubes					
Small Tubes (less than 1-1/2" diameter)					
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					