

TASK: Utilize Come-a-longs and Chain Hoists

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

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					

TASK: Roll Tubes

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

TUBE ROLLING CHECKLIST

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

Tube 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)					
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. _____ Apprenticeship No. _____

HAND SIGNAL CHECKLIST

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

Hand Signal	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working 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					
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)					

TASK: Set Up Scaffolds

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

SCAFFOLDING CHECKLIST

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

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

TASK: Reeve Blocks

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

REEVING CHECKLIST

Apprentice _____ has demonstrated satisfactory skill in performing the following tasks in actual on-the-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

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

CRANE BOOM CHECKLIST

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

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					
3. Add Jib					

TASK: Tie Knots

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

ROPE-TYING CHECKLIST

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

Knot, Hitch, or Splice	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
1. Square Knot					
2. Bowline					
3. Triple Bowline					
4. Bowline on the Bight					
5. Triple Sliding Hitch					
6. Scaffold Hitch					
7. Barrel Hitch					
8. Timber Hitch					
9. Clove Hitch					
10. Short Splice					
11. 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 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					
*Specify Others					
1.					
2.					
3.					

TASK: Weld Using Stud Arc

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

STUD ARC WELDING CHECKLIST

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

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 1/4 - 3/4" Diameter Using Drawn Arc (Conventional)					

TASK: Weld Using Flux-Core Arc

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

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.

Flux-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. _____ Apprenticeship 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.

Type of Equipment	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
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

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

CABLE CLIMBER CHECKLIST

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

Cable Climber Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
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					

TASK: Set Up and Operate an Air Tugger

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

AIR TUGGER CHECKLIST

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

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					
3. Anchor wire rope onto drum					
4. Determine fleet angle					
5. Rig fair lead block					
6. Operate tugger					

TASK: Shielded Metal Arc Welding

Name _____ Date _____

Social Security No. _____ Apprenticeship 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
1. Weld a Double-V Butt Joint.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhead					
2. Weld a Single-V Butt Joint with Backing.					
a. Flat					
b. Horizontal					
c. Vertical					
d. Overhead					
3. 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).					
7. Butt Weld Tube in 6G Position using Chill Ring.					

TASK: Weld Using Gas Metal Arc

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

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.

Gas 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					
d. Overhead					

TASK: Cut and Gouge

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

CUTTING AND GOUGING CHECKLIST

Apprentice _____ has demonstrated satisfactory skill in performing the following PAC equipment setup, cutting, and gouging tasks 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					

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.

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

TASK: Replace Tubes

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

TUBE REPLACEMENT CHECKLIST

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

Tube Replacement Task	Date	Foreman's Signature	Foreman's Social Security Number	Company/ Jobsite	Dangerous or Unusual Working Conditions
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					

TASK: Bevel Tubes

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

BEVEL TUBE CHECKLIST

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

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

TASK: Remove Tubes

Name _____ Date _____

Social Security No. _____ Apprenticeship No. _____

TUBE REMOVAL CHECKLIST

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

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

TASK: Inspect and Care for Rigging Accessories

Name _____ Date _____

Social Security No. _____ Apprentice No. _____

INSPECTION AND CARE CHECKLIST

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

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					
4. Chains					
5. Chain falls					
6. Come-a-longs					
7. Tirfor 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					