

# BOILERMAKERS NE AREA APPRENTICESHIP WORK REPORT

[SEE BACK FOR INSTRUCTIONS]

**SECTION 1. Apprentice must print all information.**

NAME	SOCIAL SECURITY NUMBER	INDENTURED LOCAL	REPORT FOR THE MONTH OF AND YEAR
STREET ADDRESS	JOBSITE LOCATION & EMPLOYER		
CITY/STATE/ZIP	CHECK THIS BOX IF YOU ARE OUT OF WORK <input type="checkbox"/>		
CHECK THIS BOX IF THIS IS A CHANGE OF ADDRESS <input type="checkbox"/>			

**SECTION 2. Apprentice must enter hours worked, as related to the specific tasks performed on the job. See back of this report for subheading details.**

**WORK PERFORMED INFORMATION**

	HRS. Worked
<b>I. CARE &amp; MAINT OF TOOLS</b>	
LEARNING NAMES OF TOOLS AND EQUIP.	[ ]
LEARNING THE USE OF TOOLS AND EQUIP.	[ ]
CARE AND MAINTENANCE	[ ]
HANDING OUT TOOLS AND INVENTORY	[ ]
<b>II. RIGGING AND BULL GANG</b>	
UNLOADING/HANDLING	[ ]
USE OF HOISTING EQUIPMENT	[ ]
USE OF TACKLE	[ ]
MOVING PIECES	[ ]
<b>III. GENERAL ERECTION</b>	
STEEL ERECTION IN OUR JURISDICTION	[ ]
SETTING DRUMS AND HEADERS	[ ]
<b>IV. TUBE INSTALLATIONS</b>	
ENTERING	[ ]
SETTING AND ALIGNING	[ ]
GETTING PROPER STOCK	[ ]
ROLLING	[ ]
<b>V. USE OF BLUEPRINT AND LAYOUT</b>	
USE OF PRINTS TO DESIGNATE THE FOLLOWING LAYOUT	[ ]
<b>VI. WELDING AND BURNING</b>	
ELECTRIC, HELI-ARC OR OTHER WELDING	[ ]
ACETYLENE	[ ]
BURNING	[ ]
<b>VII. NUCLEAR PLANT CONSTRUCTION / MAINTENANCE</b>	[ ]
<b>VIII. WORK NOT LISTED ABOVE</b>	
MISCELLANEOUS	[ ]
<b>MONTHLY OR JOB TOTAL</b>	[ ]

**SECTION 3. Must be completed by an AUTHORIZED EMPLOYER REPRESENTATIVE or IMMEDIATE COMPANY SUPERVISOR.**

# of days of job \_\_\_\_\_  
 # of days absent \_\_\_\_\_  
 # of days present \_\_\_\_\_  
 # of days late \_\_\_\_\_

**Please check all applicable boxes. Additional remarks may be added to the area indicated as 'other.' Please remember, an accurate assessment of an Apprentice is vital for their complete evaluation.**

- |   |   |
|---|---|
| <input type="checkbox"/> Great Attitude               | <input type="checkbox"/> Has an Attendance Problem      |
| <input type="checkbox"/> Excellent Worker             | <input type="checkbox"/> Has a Tardiness Problem        |
| <input type="checkbox"/> Good Knowledge of Craft      | <input type="checkbox"/> Needs to Improve Safety Skills |
| <input type="checkbox"/> Will Make a Great Journeyman | <input type="checkbox"/> Does Not Work Well With Others |
| <input type="checkbox"/> Shows Improvement            | <input type="checkbox"/> Other: _____                   |
| <input type="checkbox"/> Lacks Attention to Detail    | _____   |
| <input type="checkbox"/> Needs to Follow Directions   | _____   |

**SECTION 4. Signatures must appear as indicated below. Immediate Foreman and Supervisor signatures serve to verify hours worked and accuracy of ratings. Unsigned or incomplete reports will not be processed. Any falsification of this document will result in immediate termination from the NE Area Program.**

Immediate Foreman	Date	Apprentice	Date
Supervisor	Date		

**Return ONLY white and yellow forms to: NE Area Apprenticeship Committee, 297 Burnside Avenue Floor 2, East Hartford, CT 06108.**

Additional forms may be obtained ONLY at your Local Lodge office or school.

# BOILERMAKERS NE AREA APPRENTICESHIP WORK REPORT

## INSTRUCTIONS FOR COMPLETING REPORT

The report on the reverse side must be completed in triplicate at the end of each month or at the end of each job - whichever occurs first.

If a job is completed in less than one month's time, a report is to be submitted for that portion of the month. A report is to be submitted for each month - regardless of the job's length. If the apprentice is out of work for an entire month, a report indicating such must be submitted. White and yellow copies ONLY are to be mailed to the NE Area Office (address listed on the front of this report), the pink copy is for your employer. Failure to submit this report within thirty (30) days from the last day of the month for which it is being submitted will likely delay advancements.

The following are the major phases of the Boilermaker trade in the field erection and repair industry. Review the processes and place the hours worked in each of the processes in the appropriate box on the front of this report.

### I. Care and Maintenance of tools and equipment (Hours 100)

- A. Learning names of tools and equipment
- B. Learning the use of tools and equipment
- C. Care and Maintenance
- D. Handing out tools and inventory

### II. Rigging and Bull Gang (Hours 1,500)

- A. Unloading and handling
- B. Use of Hoisting Equipment
  - 1. Come-along
  - 2. Chain falls
  - 3. Erecting and dismantling derricks, cranes
  - 4. Working with derricks and cranes
  - 5. Use of signals and safety
- C. Use of Tackle
  - 1. Block and tackle
  - 2. Chokers, cables and slings
  - 3. Proper use of knots and splicing
  - 4. Proper use of clamps
  - 5. Safety
- D. Moving pieces
  - 1. Rollers
  - 2. Levers
  - 3. Use of tackle, come-alongs, chain falls
  - 4. Safety

### III. General Erection (Hours 1,800)

- A. Steel Erection in our jurisdiction
  - 1. Designating location of members
  - 2. Raising in place
  - 3. Use of spud-wrench, bull, and drift-pins, jacks, wedges, clips and saddles
  - 4. Alignment
    - a. Use of level, plumb, tape and rule
  - 5. Connecting
    - a. Drilling, reaming, chipping, caulking, grinding
    - b. Bolting up
    - c. Welding (tack)
    - d. Riveting
- B. Setting drums and headers
  - 1. Use of hoisting equipment and tackle
  - 2. Use of water level, plumb, measuring devices

### IV. Tube Installations (Hours 400)

- A. Entering
  - 1. Use of come-alongs, entering devices
  - 2. Lipping
- B. Settings and Aligning
  - 1. Use of spacers
  - 2. Use of strong-backs
- C. Getting proper stock
  - 1. Signals (sound and lights)
  - 2. Come-alongs
  - 3. Piece of stock
  - 4. Boiler code
- D. Rolling
  - 1. Use of erector's guides, or
  - 2. Proper selection of the following
    - a. Expanders, rollers, pins, mandrels
  - 3. Use of rolling machines
    - a. Pneumatic, electric, ratchet
    - b. Lubricants
  - 4. Use of gauges, signals
  - 5. Heavy tube sheets
  - 6. Entering, connecting baffles
  - 7. Testing
    - a. Visual
    - b. Water (use of hydrostatic pump)
    - c. Air
    - d. Use of gauges

### V. Use of Blueprint and layout (Hours 400)

- A. Use of prints to designate the following:
  - 1. Locating parts at unloading
  - 2. Moving parts to job location
  - 3. Parts to be hoisted into position
  - 4. Use of bench mark
  - 5. Symbols
- B. Layout
  - 1. Use of precision measuring devices
  - 2. Marking for correction, re-cutting, fitting
  - 3. Directing, cutting and fitting of parts
  - 4. Geometric measuring of parts, tube holes, etc.
  - 5. Working with foreman

### VI. Welding and Burning (Hours 1,500)

- A. Electric welding, heli-arc or other machine welding
  - 1. Proper adjustment of machines
  - 2. Application, use of electrodes on all metals, Ferrous and Non-Ferrous
  - 3. Metal Spraying and hard facing
- B. Acetylene
  - 1. Proper adjustment, gauges & torch
  - 2. Selection of tips
  - 3. Handling of torch and application
    - a. Ferrous and Non-Ferrous metals
- C. Burning
  - 1. Acetylene
  - 2. Arc (cutting and gouging)
  - 3. Machine Methods
  - 4. Adjusting and operating of equipment
    - a. Ferrous
    - b. Non-Ferrous

### VII. Nuclear Plant Construction (Hours 100)

- A. Theory - Types - Research - Maintenance
  - 1. Power
  - 2. Propulsion
  - 3. Heating

### VIII. Miscellaneous (Hours 200)

- A. Safety Meetings
- B. Scaffold Erection
- C. Radiation Protection
- D. Working with Stewards (Grievances, Agreements)
- E. Reports
- F. Other

**Total Hours 6,000**