

TRIPLE “S” INDUSTRIAL CORPORATION

JOB TITLE: NCCER Certified Boilermaker

JOB DESCRIPTION: Assemble/disassemble vessels, exchangers, tower trays, and other related equipment for cleaning, inspection, and/or repair. Candidate shall take and pass a written exam specific to the trade for certification.

JOB DUTIES: This will include, but not be limited to, the following duties: Remove, repair and/or reinstall or assemble/disassemble, reactors, vessels, exchangers, tower trays, equipment internals, demister pads, cyclones, heater internals, heater radiant and convection piping bundles, supports, burners, ductwork, fans, blowers, spring can supports, valves, manways, inspection doors, heater skins, internal coils, floating roofs on storage tanks, safety relief valves, control valves, structural steel, grating, stacks, nozzles, and tray rings/supports, etc. Removal and reinstallation of various size bolts, washers, studs and nuts using air impacts, hammer wrenches, torque wrenches, bolt splitters and other similar devices. Use hand tools and grinders (air and/or electric) to clean parts for inspection, removing gasket material, cleaning gasket surfaces, and installing new gasket material. Use chainfalls, come-alongs, jacks, air tuggers, and other hoisting/moving devices to remove and/or reinstall material, tools, equipment, etc. Bring to/from worksite, tools, material, extension cords, utility hoses, welding leads, oxygen/acetylene cylinders, gauges, torches and hoses, fire blankets, fresh air breathing equipment, etc. Identify parts and equipment to be reused or salvaged. Hydro test vessels, towers, exchangers, internals, nozzles, tube bundles, storage tank coils and associated piping, etc. Also perform leak test on tower trays. Must be able to perform work to meet criteria of all applicable codes, standards, specifications, drawings, sketches, and other written or verbal instructions. Must be able to flag operators using industry standard, mutually agreed on, hand signals. Assist other crafts as directed by project supervision. Install/remove isolation blinds and/or steam strips for cleaning, hot work and/or equipment isolation for entry.

EXPERIENCE REQUIREMENTS: Three to ten years’ experience as a Boilermaker. Majority of work experience should be directly related to the refining, petro-chemical, or other industrial settings.

SPECIAL CERTIFICATIONS/QUALIFICATIONS: Must be certified as a Boilermaker by NCCER or other approved DOL agency. Confined space entry qualification is required as well as the ability and knowledge to use respirators and/or fresh air breathing devices. Employee may be required to work in areas where the work is not easily accessible. . Must be able to read, write and speak the English language sufficiently to pass pre-job safety exams, craft tests, to comprehend written and verbal work related instructions, to understand audible and posted safety warnings, and to communicate safety hazards to fellow workers and supervisors. Must be capable of understanding and communicating to others the terms, conditions, and limitations of all work permits and PPE requirements.

NATURE OF WORK ENVIRONMENT: Most work will be performed in an outdoor setting or, on occasion, in properly permitted confined spaces. This includes, but is not limited to, refineries, petro-chemical facilities, docks, lay-down yards, equipment yards, storage facilities, tank farms, towers, vessels, heaters, pipe racks, steel structures, fabrication shops (both permanent and temporary), and other related facilities. Employee may expect to be required to work in extreme conditions: heat, cold, rain, high noise, dust, etc. Job requirements may also dictate that the employee be required to work scheduled and/or unscheduled overtime, including holidays and weekends. In addition, some jobs may require working at night. Employees may also be required to work in environments that require the use of fresh air breathing devices, respirators, full chemical suits or other special Personal Protective Equipment.

PHYSICAL REQUIREMENTS: This job typically requires heavy labor and includes, but is not limited to heavy lifting (50-75 lbs.), climbing stairs, and structures, carrying and lifting tools by hand, working in confined spaces, at heights over 6 feet above ground level, and in some cases, excavations. Additionally employees fitness to perform assigned duties may be determined by their ability to access assigned work through manways, inspection doors, etc., that have openings of 24” or less. This job typically requires that employees be able to pass all applicable criteria for use of breathing air, and/or respirators (i.e. fit tests, pulmonary function tests, etc.) Employees must not have any condition or physical characteristics that would render them unable or unwilling to safely and productively execute their assigned duties.

EMPLOYEE FURNISHED TOOLS: See attached tool list.

EMPLOYEE RESPONSIBILITIES: Employees signature below affirms that the employee understands, agrees to, and will abide with, the following terms:

1. Employee is qualified and willing to perform duties as outlined in the sections titled “Job Description,” “Special Qualifications,” “Nature of Work Environment,” “Physical Requirements,” “Employee Furnished Tools,” “Employee Responsibilities,” and elsewhere.
2. Employee agrees to perform all work and conduct him/herself in accordance with all Triple “S” Industrial Corporation, client, and governmental safety guidelines, and work policies.
3. In accordance with the “Worker Readjustment Act”, the employee acknowledges that he/she is being hired for a temporary construction job. The employee also acknowledges that his/her employment may be terminated at any phase of this project, with or without cause, solely at the discretion of Triple “S” Industrial Corporation or its assigned representative(s).
4. Failure to disclose any condition that would prevent the employee from performing his/her assigned duties is grounds for immediate termination of the hire-in process or employment.
5. I understand and can perform this job with or without reasonable accommodation.

TRIPLE "S" INDUSTRIAL CORPORATION
MINIMUM TOOL LIST

BOILERMAKER (TRAYS, BUNDLES, VESSELS, ETC.)

QUANTITY	ITEM
1	HARD HAT
1	SAFETY GLASSES
1	LEATHER WORK GLOVES
1	PAIR BURNING GOGGLES
1	STRIKER
1	12" CRESCENT WRENCH
1	10" CHANNEL LOCKS
1	25' TAPE MEASURE
2	1 1/4" COMBO WRENCHES
2	1 1/16" COMBO WRENCHES
2	7/8" COMBO WRENCHES
1	BALL PIEN HAMMER
1	4# HAMMER
1	FLANGE SCRAPER
1	WIRE BRUSH
1	PRY BAR
2	BULL PINS
1	18" PIPE WRENCH
1	14" PIPE WRENCH
2	BANANA WEDGES
1	TORPEDO LEVEL
1	2' LEVEL