

REGAL SERVICE COMPANY

A CONFLUENCE CORPORATION SUBSIDIARY

INSULATOR

This position installs, removes, repairs, and maintains thermal, acoustic, and fire-resistant insulation systems on ships, vessels, and marine structures. This role supports ship repair, alteration, and modernization projects by ensuring piping, machinery, bulkheads, and other components operate efficiently while protecting crew from extreme temperatures, noise, condensation, and fire hazards. Work is performed in shipyards, aboard vessels in dry dock, or at sea, often in confined spaces and at heights.

Key Responsibilities

- Remove old or damaged insulation from piping systems, ventilation ducts, valves, fittings, flanges, boilers, tanks, turbines, evaporators, refrigerating units, bulkheads, overheads, and other ship structures.
- Install, fabricate, and secure new insulation materials (e.g., fiberglass, calcium silicate, rubber, mineral wool, foam) on pipes, machinery, and structural components using appropriate methods such as wiring, strapping, taping, or adhesives.
- Apply protective coverings, lagging, jackets, and coatings (e.g., fiberglass cloth/tape, metal lagging) over insulation.
- Manufacture and install portable insulation pads or removable blankets for equipment maintenance access.
- Select the correct type and thickness of insulation based on system requirements (hot/cold lines, steam, AC/refrigeration, fuel, etc.).
- Cut, fit, shape, and trim insulation materials using hand tools (knives, saws, wire cutters, tape measures) to match surfaces and contours.
- Inspect installed insulation for quality, completeness, and compliance with standards (e.g., NAVSEA, ABS, USCG, or customer specifications).
- Collaborate with other trades (pipefitters, welders, electricians, sheet metal workers) during repair and overhaul projects.
- Maintain a clean and safe work environment, properly dispose of insulation waste, and follow hazardous material handling procedures.
- Perform other duties as assigned.

Requirements and Qualifications

- **Experience:** 2–5+ years of verifiable experience as a Marine Insulator or in industrial insulation (shipyard, power plant, or heavy industrial preferred). Entry-level/trainee positions may be available with training.
- **Knowledge:** Familiarity with marine insulation materials and techniques, including thermal, acoustic, and fireproofing applications. Understanding of ship systems (piping, HVAC, machinery) and relevant standards (NAVSEA, MIL-STD, etc.).

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- **Skills:**
 - Proficient with hand and power tools.
 - Ability to read blueprints, drawings, and insulation schedules.
 - Strong attention to detail and safety awareness.
 - Physical stamina for working in confined spaces, aloft, and in varying weather conditions.
- **Certifications:**
 - OSHA 10/30 Maritime preferred.
 - Shipyard-specific safety training (e.g., fire watch, confined space, fall protection).
- **Education:** High school diploma or GED; vocational training in insulation, carpentry, or related field is a plus.
- **Other:**
 - Valid driver's license and clean driving record.
 - Reliable transportation to all worksites and other locations required by the position at the start of the shift.
 - Must be able to successfully pass a pre-employment criminal background check and drug screening.
 - Must be able to obtain and maintain a security badge for military installations and civilian shipyards, as required.
 - Ability to work all shifts and extended hours as needed.

Working Conditions

The physical demands described here are representative of those that must be met to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Regularly required to stand, walk, sit, use hands, reach with hands and arms, climb, balance, stoop, kneel, crouch, crawl, talk and/or hear.
- Frequently required to carry objects weighing up to 50 pounds.
- Work aboard ships in dry dock or at sea, in engine rooms, holds, and on decks.
- Exposure to heat, cold, noise, heights, and confined spaces.
- Heavy lifting, bending, kneeling, and standing for extended periods.
- Use of personal protective equipment (PPE) including respirators, harnesses, and etc.

Compensation & Benefits

- Competitive wages
- Competitive employee benefit package