

**BOARD OF REGENTS
STATE OF IOWA
REGENT MERIT SYSTEM**

Class Title: Insulator

Class Code: 5291

Pay Grade: 210

GENERAL CLASS DESCRIPTION:

Under general supervision, applies knowledge and skill at the journeyman level to apply insulation and other coverings to pipes, ducts, tanks and other items.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. Insulates steam distribution systems, hot water tanks, cold water lines, chill water lines, drain lines, duct lines, disposal lines, and other related lines using glass, wool, mud, insulation paste, steel wool, tin, plastic, and Gilsulate insulation.
2. Reads and interprets blueprints and drawings.
3. Assists in directing the work of apprentices.
4. Performs or assists in the performance of the duties of Plumber and Steamfitter, as required.

KNOWLEDGE, SKILLS, AND ABILITIES:

1. Knowledge of safety precautions mandated by the Occupational Safety and Health Administration, National Fire Prevention Association, National Fire Code, Environmental Protection Agency, etc.
2. Knowledge of preventive maintenance necessary for equipment and ability to maintain appropriate records.
3. Knowledge of proper lifting and bend techniques and ability to lift 80 pounds.
4. Ability to operate tools and equipment safely which are used in insulation.
5. Ability to interpret blueprints, diagrams, equipment specifications, schematics and engineering/architectural concept statements.

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed nor is it intended that related duties cannot be required.

Class Title: Insulator

Class Code: 5291

Pay Grade: 210

6. Ability to work in a variety of environments including confined spaces, low light areas, at height and exposure to temperature extremes, radiation and toxic chemicals.
7. Ability to communicate effectively orally and in writing.
8. Ability to maintain accurate records and inventory of supplies.

MINIMUM ELIGIBILITY REQUIREMENTS:

Four years experience in the trade, including apprenticeship.

H:(hr/classdes)5291

REVISION EFFECTIVE:

October 1, 2009