



**NORTH DAKOTA
CLASS DESCRIPTION**

ND Human Resource Management Services
Phone: (701) 328-3290

Class Code: 5035

DEPUTY BOILER INSPECTOR

GRADE K

SCOPE OF WORK:

Work involves performing a variety of inspections of boilers and fired pressure vessels within the state of North Dakota in accordance with procedures established by the Chief Boiler Inspector as required by Chapter 26.1- 22.1, NDCC.

DUTIES PERFORMED:

- Schedule and conduct external and internal inspections of power, heating, and hot water supply boilers.
- Conduct non-destructive tests of boilers such as hydrostatic testing, ultrasonic testing, visual testing, etc.
- Determine when welding is required and the extent of needed repairs; work with the welder(s) in determining correct repair materials; record reviews of welding operations, materials used, etc; determine and schedule "hold points" tests and inspections as needed.
- Schedule and conduct inspections of anhydrous ammonia storage facilities and storage containers; steam traction engines to include gathering of engineering data on boilers; review boiler files; conduct special inspections of crown sheets, barrel, tube sheets, etc; determine needed repairs and report results to owner.
- Review inspections reports with Chief Boiler Inspector; communicate with owner/user to determine necessary course of action; schedule follow-up inspections as required; initiate enforcement action if determined necessary by the Chief Boiler Inspector.
- Provide information to engineers, installers, repair firms, etc. to resolve issues resulting from inspections.
- Prepare and maintain reports and administrative activities as required by the Chief Boiler Inspector.

NOTE: The duties listed are not intended to be all-inclusive. Duties assigned any individual employee are at the discretion of the appointing authority.

MINIMUM QUALIFICATIONS:

Requires three years of work experience in the construction, inspection, operation, maintenance, or repair of high-pressure boilers and pressure vessels and two years of college level courses including advanced algebra. Must have a basic knowledge of welding and hold a commission issued by the National Board of Boiler and Pressure Vessel Inspectors or must obtain the commission within a year of appointment to this

class. A Bachelor's degree in Mechanical Engineering may substitute for the three years of work experience requirement.

Eff. Date: 01/79

Rev: 10/93 – Minimum qualifications and grade changed

Rev: 10/97 – Rewritten in current format

Rev: 06/04 – Revised duties and minimum qualifications

Rev: 07/12 – Conversion to Hay System