

HIGHER EDUCATION PERSONNEL BOARD

Specification for Class

Class Code: 5226

MACHINERY MASTER MECHANIC

Abolished Effective February 10, 2006

Definition: Perform skilled mechanical maintenance, repair and fabrication of equipment for buildings, machinery and other special equipment.

Distinguishing Characteristics:

Positions in this class are distinguished by responsibility to perform skilled maintenance, modification and repair of mechanical facilities and machinery components requiring the skills of a machinist and welder as well as a journey mechanic. This class requires a working knowledge of several related skill fields such as plumbing, electrical, welding and machinist work.

Typical Work:

Perform preventive maintenance and repair on all types of mechanical equipment such as laundry, kitchen, hospital, laboratory and air-conditioning equipment; clean or change filters, change oil, grease; adjust drive belts; inspect sprockets, shafts and bearings to ensure proper operations;

Install and maintain elevator components, printing and bindery machines, power plant equipment, wood and metal working shop machines, and conveying systems;

Perform precision operations with machine shop equipment including engine lathe, drill press, grinder, milling machine, hydraulic press in the fabrication of equipment parts and experimental apparatus;

Perform preventive maintenance and repair on motor vehicles and heavy construction equipment, gas and diesel;

Operate a variety of hand tools;

Work with faculty to design, fabricate and operate experimental equipment and apparatus;

Modify machines and equipment to improve operation; design and build tools and dies;

May rig for handling heavy materials by forklift, crane or other means;

May lead and instruct Machinery Mechanics and helpers;

May perform duties in other trade skills;

Perform related duties as required.

Minimum Qualifications:

Full journey status as a Machinery Master Mechanic by work experience, vocational or trade school, or apprenticeship programs, or any combination of the above; OR, four years of applicable work experience including precision machining and welding work, vocational training may substitute for work experience on a year-for-year basis. Possession of a valid motor vehicle operator's license may be required.

Examination Requirements:

A job element examination (including written, E & T and oral components) scored on the basis of job related experience, training, skill, ability and other elements which are established through job analysis.

New Class: 3-7-73