

WELDER - 695

DEFINITION OF WORK

Under immediate supervision, performs difficult skilled work in the operation of welding equipment; does related work as required.

EXAMPLES OF WORK

Lays out, marks, preheats, cuts and welds light and heavy materials using electrical or acetylene equipment; does brazing, soldering and acetylene burning; welds automotive equipment, fabricates and repairs metal equipment and attachments; manufactures special machinery and apparatus for municipal purposes; designs and fabricates special parts and apparatus; does flat, vertical and horizontal welding; brazes, solders and coats non-ferrous metals; inspects, brushes and grinds welds; maintains all welding equipment, supplies and supervises helpers in the shop.

EMPLOYMENT STANDARDS

Education and Experience: Any combination of education and experience equivalent to completion of the eleventh grade and considerable experience in acetylene and arc-welding.

Knowledge, Skills and Abilities: Thorough knowledge of practices, tools and methods used in welding, cutting, brazing and heating metals; thorough knowledge of the occupational hazards and safety precautions of the trade; thorough knowledge of the properties of ferrous and nonferrous metals used in welding; skill in acetylene and arc-welding; skill in the use and care of the tools and equipment common to the welding trade; ability to supervise the work of others; ability to follow oral and written instructions and to read and work from sketches, diagrams and broken parts.

