

LITHOGRAPHER I

NATURE OF WORK

This is semi-skilled to skilled work in the operation of lithographic and related equipment. Work involves the supervised operations of complex lithography and supporting equipment and chemical immersion tanks to develop negatives and plates for subsequent use on a variety of printing presses. Work is performed under close supervision and is reviewed by the technical supervisor for quality, printability and satisfactory end results.

ILLUSTRATIVE EXAMPLES OF WORK

Operates a variety of lithographic equipment, on a training basis, in the reproduction of a wide variety of materials.

Operates a variety of equipment, such as cameras, contact tables, light frames, process cameras, vertical copy cameras, flash units and chemical immersion tanks.

Drafts and designs, on a training basis, diagrams, forms and charts, etc. for reproduction.

Prepares negatives and plates for subsequent use on a variety of printing presses.

Checks paper negative stocks and supplies; mixes chemicals and solutions; develops, washes and dries prints.

Applies stripping, positioning, mounting, paste-ups, photo-lettering, cropping, scaling and photo re-touching procedures.

Cleans equipment, performs maintenance and minor repairs to keep the equipment in good operating condition.

Performs related work as required.

REQUIREMENTS OF WORK

Some experience in the operation and maintenance of lithographic and related equipment; graduation from high school preferably supplemented by courses in lithography; or any equivalent combination of experience and training which provides the following knowledge, abilities and skills:

Some knowledge of the methods, materials and techniques used in lithography.

Some knowledge of the methods and techniques of developing and processing film.

Some knowledge of basic drafting principles and methods.

Some knowledge of printed and reproduction techniques.

Some knowledge of the various types of equipment and supplies used in lithography.

Ability to learn the operations and maintenance of a variety of lithographic equipment.

Ability to design and lay out work.

Ability to understand and follow oral instructions.

Ability to use related duplicating equipment.

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