

### PHOTO LABORATORY TECHNICIAN III

This is journey level technical work performing a fairly wide variety of moderately complex photo laboratory processes which may include using non-standardized procedures and techniques. The main emphasis of the work is performing laboratory duties although some incidental creative photography may be involved. The output of the laboratory can include film negatives, positives, slides, contact prints, film diapositives, microfilm, infrared, line negatives, halftones, radiographs, mosaics or other specialized photographic materials.

Employees perform black and white or color copy camera work, manual or automated black and white film developing, automated color film developing, automated or manual black and white and color print processing, and enlarging, reducing or rectifying prints using a considerable variety of moderately difficult to operate equipment. Work also includes performing light maintenance and repair of equipment, making moderately difficult quality control or calibration adjustments to equipment and laboratory clean up. Work may also include acting as lead worker or trainer for lower level technicians, or other duties as assigned.

#### I. DIFFICULTY OF WORK:

Complexity - Employees choose film type and make considerable adjustments to camera settings and filters for copy camera work, mix chemicals for film developing and print processing, make extensive adjustments on automated processors, use specialized lighting techniques, and perform the more difficult burning, dodging and touchups of prints. Employee may perform moderately difficult quality control, calibration of equipment, math calculations and make scale adjustments and filter pack corrections in print processing. Work also includes making adjustments to automated color film developers and determining and adjusting filters.

Guidelines - Employees use photographic textbooks, journals, American National Standards Institute standards, National Map Accuracy-Standards, professional magazines, lab procedures, and consultations with their supervisor or clients as necessary. Guidelines and reference materials are detailed, specific and standardized, and when used are directly applicable to most usual work situations.

#### II. RESPONSIBILITY:

Accountability - Employees have little or no opportunity to directly impact on the public, though some work might involve direct contact with clients. Most work performed is checked by the supervisor or client before public distribution.

Consequence of Action - Errors in film developing or print processing could result in substantial time, material and financial losses. Complex and involved experiments or other conditions would have to be duplicated and re-shot, although normally the work would not be lost completely.

Review - Work is generally reviewed upon completion or occasionally while in progress. Technical guidance and/or client approval is usually available.

#### III. INTERPERSONAL COMMUNICATIONS:

Subject Matter - Methods, techniques, procedures and laboratory equipment may not be understood, although end results and how they can be adjusted are more commonly understood and accepted.

Purpose - Interpersonal contacts are usually limited to other laboratory personnel and clients include exchanging information, receiving instructions and explaining results, processes and techniques.

IV. WORK ENVIRONMENT:

Nature of Working Conditions - Employees spend: the majority of their time in a laboratory setting and would be subject to extended periods in a darkroom, chemical fumes and production-oriented timing sequences.

Nature and Potential of Personal Hazards - Employees are exposed to photographic chemicals, other hazards, and to accident risks when operating, adjusting or repairing automated processing equipment.

V. RECRUITMENT STANDARDS:

Knowledges, Skills, and Abilities - Considerable knowledge of black and white and color photography, developing, processing, equipment and chemistry. Skill in the operation of cameras, enlargers and other moderately complex photographic equipment. Ability to perform and record standardized and non-standardized photographic laboratory procedures. Ability to perceive contrast, colors and depth of field normally. Ability to understand and follow oral and written technical instructions. Ability to express technical information clearly when reporting results or teaching others. Ability to perform basic mathematical calculations.

Minimum Training and Experience Requirements - Graduation from high school and two years related experience in photographic or darkroom procedures; or an equivalent combination of education and experience.