

Position Number: **Benchmark Job #200**

Ministry: Environment, Lands and Parks

Branch: Air Photo Laboratory

Location: Victoria

Working Title: **Photo Arts Technician**

Level: Range 21

NOC Code: 9474

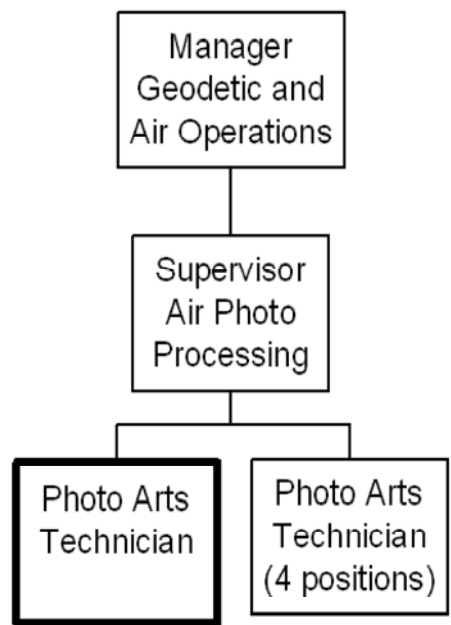
PRIMARY FUNCTION

To provide technical support for the Branch's Aerial Photography and Colour Production programs and to produce photographic imagery.

JOB DUTIES AND TASKS

1. Provides technical support and applies photogrammetric concepts in the administration of contracts for aerial photography
 - a. inspects and assesses contract submissions of photographic imagery for technical compliance with standards by conducting chemical and densitometric tests, sensitometric data and visual comparisons
 - b. recommends acceptance or rejection of photographic imagery produced under contract and recommends appropriate contractor financial penalties for colour and black and white programs
 - c. produces benchmark black and white and colour prints for the evaluation of submissions
 - d. provides written contract specifications that are unique for each client for air photo acquisition contracts and monitors adherence to contractual terms and conditions
 - e. enters technical data onto computer to track quality control and to produce reports
2. Produces photographic imagery and prints to precise specifications of colour, resolution, density and contrast
 - a. processes and exposes ground and aerial films
 - b. produces colour and black and white imagery from aerial film negatives to the specific requirements of users using electronic dodging printers, computer controlled enlargers and processors
 - c. mixes photographic chemicals for use in roller transport processors
 - d. monitors black and white and colour chemistry to maintain production standards
 - e. operates reprographics equipment to make negatives, duplicate and enhance hard copy images on 42 inch wide format film
 - f. employs a variety of techniques and equipment including filters, cropping, shading, lenses, exposures, sensitised papers, and print customization to achieve desired results
3. Performs quality control functions
 - a. exercises aesthetic judgement and visual acuity to make qualitative decisions on imagery that is produced
 - b. maintains, repairs and calibrates electronic and computer controlled laboratory equipment
 - c. provides technical expertise in identifying and solving production problems
 - d. assesses, tests and evaluates new equipment, photo products and methods and determines applicability to photo lab operations

- e. provides information and expert advice to contractors and professional aerial photographic product users on specifications and objectives
4. Maintains filing and storage systems
 - a. maintains, updates and stores contract and document files and records
 - b. maintains and stores an inventory of chemicals and print media
 - c. maintains a filing system for the storage and retrieval of canisters in a film vault room and over 7000 hard copy maps
 5. Performs other related duties
 - a. trains technicians in procedures and policy and ensures that work meets Branch specifications
 - b. provides technical support and participates in the production of Branch publications and reports such as Specifications for Aerial Photography and Specifications for Aerial Photographic Products
 - c. processes and exposes ground and aerial films



FACTOR	REASON FOR CLASSIFICATION	DEGREE	POINTS
1	JOB KNOWLEDGE Understand the principles of aerial photography and photographic print production to assess the quality of film negatives provided by contractors, develop contract specifications and develop imagery using darkroom equipment.	G	250
2	MENTAL DEMANDS Judgement to apply structured study and analysis using the principles of aerial photography and photographic production to review the work of contractors engaged in air photo shoots and to provide advice on improvement to product quality.	F	175
3	INTERPERSONAL COMMUNICATION SKILLS	C	30

	Discretion is required to exchange information needing an explanation of corrective requirements for photographic imagery with contractors and clients.		
4	PHYSICAL COORDINATION AND DEXTERITY Significant coordination and dexterity required to calibrate and repair precision computer controlled photographic equipment.	D	22.5
5	RESPONSIBILITY FOR WORK ASSIGNMENTS Guided by photography standards, applies accepted work methods in a different way to ensure quality of contracted photographic negatives, solve production problems, and test new equipment.	E	120
6	RESPONSIBILITY FOR FINANCIAL RESOURCES Significant financial authority to certify satisfactory contract performance for the provision of aerial photographic and recommend penalties to be imposed when specifications are not met.	E	33

FACTOR	REASON FOR CLASSIFICATION	DEGREE	POINTS
7	<p>RESPONSIBILITY FOR PHYSICAL ASSETS/INFORMATION</p> <p>Considerable responsibility to ensure that the quality of aerial photographic information is in compliance with branch specifications.</p>	E	33
8	<p>RESPONSIBILITY FOR HUMAN RESOURCES</p> <p>Responsibility to provide formal training to other technicians in specialized procedures.</p>	B	9
9	<p>RESPONSIBILITY FOR WELL BEING/SAFETY OF OTHERS</p> <p>Limited care and attention to ensure safe use and storage of chemicals where others are exposed.</p>	B	10
10	<p>SENSORY EFFORT/MULTIPLE DEMANDS</p> <p>Focused attention to detail to frequently visually assess photographic work in limited lighting of a dark room.</p>	C	12
11	<p>PHYSICAL EFFORT</p> <p>Moderate physical effort is required to frequently stand and lean over work areas in the photo lab.</p>	C	12
12	<p>SURROUNDINGS</p> <p>Exposure to frequently working under conditions of extremely limited lighting in a photographic darkroom.</p>	D	9
13	<p>HAZARDS</p> <p>Significant exposure to hazards from frequently working with or near corrosive or toxic chemicals.</p>	D	9

Total Points: 724.5

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