

LITHOGRAPHIC PRESS OPERATOR (4 Year)

APPENDIX A

O*NET CODE 51-5023.00

This training outline is a minimum standard for Work Processes and Related Instruction. Changes in technology and regulations may result in the need for additional on-the-job or classroom training.

WORK PROCESSES

	Approximate Hours
A. Maintenance of Equipment:	2,000
1. Lubrication of Machinery and Tools	
2. Care of Rollers	
B. Automatic & Hand Feeding:	2,000
1. Learning the care and operation of feeder	
2. Changing and setting feeder	
3. Hand feeding	
C. Papers:	1,500
1. Knowledge of Paper Bases	
2. Uses of Litho (coated one side)	
3. Uses of Litho (two sides, duplex)	
4. Linen Finish	
D. Handling of paper:	1,000
1. Taking care of curls	
2. Paper leading	
3. Straighten paper for feeder operation	
4. Elimination of wrinkles	
E. Running the Job:	1,500
1. Feeding paper	
2. Changing skids	
3. Winding up paper between colors,	
4. Wash plates with proper processing agents	

5. Clean up and general practice, where most needed, according to the individual needs of the apprentice

Approximate Total Hours 8,000

Apprenticeship work processes are applicable only to training curricula for apprentices in approved programs. Apprenticeship work processes have no impact on classification determinations under Article 8 or 9 of the Labor Law. For guidance regarding classification for purposes of Article 8 or 9 of the Labor Law, please refer to <https://dol.ny.gov/public-work-and-prevailing-wage>

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APPENDIX B

RELATED INSTRUCTION

Blueprint Reading, Sketching and Drawing

1. Fundamentals
2. Interpreting Lithographic Press Blueprints

Mathematics

1. Fundamentals
2. Precision Measurement
3. Applications to the Trade

Safety

1. Fundamentals (4 hours, first year)
2. Trade Safety (12 hours, second year)
3. First Aid (minimum 10 hours every year)
4. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law

Industrial and Labor Relations (20 hours)

1. History and Background (6 hours, first year)
2. Current Laws and Practices (14 hours, second year)

Trade Theory

1. Tools, Machines and Equipment
2. Materials
3. Terminology
4. Press Operation, Care, and Maintenance
5. Theory of Jobs and Processes

Trade Science

1. History of Lithography
2. Technology of Processes
3. Principles of Tools, Machines, and Equipment
4. Physical Properties of Materials

5. Technology of Paper Making

Other Related Courses as Necessary

144 Hours of Related Instruction are Required for Each Apprentice for Each Year.

Appendix B topics are approved by New York State Education Department.