

# PAINTER, DECORATOR & PAPERHANGER

## APPENDIX A

O\*NET CODE 47-2141.00

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

- |   |            |
|---|------------|
| <b>A. Tools, Rigging, Material Handling and Safety</b>  | <b>350</b> |
| 1. Safety; proper use, care and maintenance of trade-related tools, instruments, machinery, equipment.  |            |
| 2. Signaling, rigging, hoisting.  |            |
| 3. Safely using, erecting, inspecting and care of ladders, scaffolds, aerial devices, lifts, swing stages, bosun chairs (if used on the job). |            |
| 4. Safely moving, loading, unloading materials/ heavy objects by manual methods, forklift (if applicable).                                    |            |
| 5. Recognizing hazardous materials, including lead and asbestos.  |            |
| 6. Abating lead and/or asbestos (if applicable).  |            |
| <b>B. Shop Work</b>   | <b>300</b> |
| 1. Ensuring shop order and cleanliness.   |            |
| 2. Safely using protective clothing and equipment; proper ventilation.  |            |
| 3. Safely storing, disposing, and recycling of trade chemicals.   |            |
| 4. Cleaning pots and pails.   |            |
| 5. Cleaning and maintaining brushes, rollers, and other painting apparatus.   |            |
| 6. Cleaning and maintaining paperhanging apparatus.   |            |
| 7. Mixing paints (at option of sponsor *).  |            |
| 8. Mixing paperhanging adhesives (at option of sponsor *).  |            |
| 9. Matching colors.   |            |
| 10. Reading work orders and/or understanding verbal instructions.   |            |

## **C. Materials**

**300**

1. Identifying grade, type and selecting the appropriate material for various paint and/or surface protectant applications (at option of sponsor \*):
  - a. white pigments
  - b. color pigments
  - c. oil paints and enamels
  - d. latex paints and emulsions
  - e. extender, metal primer, metal pigments
  - f. binders, thinners, and dryers
  - g. primers and sealers
  - h. clear coatings
  - i. stains
  - j. mastics, cement enamels and other special coatings
  - k. coatings and linings (tanks, vats, vessels)
  - l. low or no VOC (volatile organic compound) paints
2. Identifying grade, type and selecting the appropriate material for various paperhanging applications (at option of sponsor \*):
  - a. plastics and vinyls
  - b. adhesives
  - c. papers
  - d. natural fibers
  - e. fabrics
  - f. foams

## **D. Painting Interior Surfaces**

**2,000**

1. Preparatory Work:
  - a. Using drop cloth, masking tape, paper to cover and protect surfaces such as, but not limited to: carpets, floors, windows, doors, woodwork, and furniture.
  - b. Removing fixtures such as, but not limited to: electric switchplate covers, heating/air-conditioning vents, wall decorations.
  - c. Cleaning surface; brushing on mildew remover
  - d. Removing old paint, varnish, wallpaper by scraping, stripping, sanding, wire brushing or other methods

- e. Repairing surface cracks, defects or damage with caulk, putty, plaster, or other filler; sanding.
  - f. Finishing drywall; treating surface.
  - g. Sealing and priming; shellacking knots on wood.
2. Painting Plaster and Drywall:
- a. Using brush, roller, spray gun or other machine to apply paint or protective coating.
  - b. Using and maintaining compressor.
  - c. Applying finishing coats.
  - d. Applying textured ceilings.
3. Painting and Finishing Wood:
- a. Bleaching.
  - b. Using brush, roller, spray gun or other machine to apply paint or other protective coat.
  - c. Applying finishing coats such as, but not limited to: stain, shellac, varnish, polyurethane, etc.
  - d. Sanding, using steel wool and/or tack cloth between coats.
  - e. Rubbing, waxing, buffing.

**E. Painting Exterior Surfaces**

**1,000**

1. Preparatory Work:
- a. Using drop cloth, masking tape, paper to cover and protect surfaces, landscaping, etc., erecting containment enclosures.
  - b. Preparing surface using, wire brush, sanding and scraping.
  - c. Removing rust.
  - d. Power washing and sandblasting.
  - e. Burning off old paint.
  - f. Repairing surface cracks, defects or damage with caulk, putty, plaster, or other filler.
  - g. Sealing and priming; treating new metal for painting.
2. Painting Wood, Metal, Concrete:
- a. Using brush, roller, spray gun or other machine to apply paint or other protective coat.
  - b. Using and maintaining compressor.

- c. Sanding, using steel wool and/or tack cloth between coats.
- d. Applying finishing coats.

**F. Spray Painting** **500**

- 1. Cleaning spray equipment.
- 2. Mixing appropriate paint consistency.
- 3. Using proper personal protective equipment.
- 4. Using spray equipment correctly and efficiently.
- 5. Troubleshooting; taking apart, repairing, putting back together equipment.

**G. Specialty Work (at option of sponsor \*)** **500**

- 1. Stippling and texturing.
- 2. Blending and glazing.
- 3. Metal and gold leafing.
- 4. Stencil cutting.
- 5. Stenciling and decorative striping.
- 6. Simulating wood grain, marble, brick, tile, leather, etc.
- 7. Creating special effects using cloth, brush, sponge, fingers.
- 8. Applying coatings and linings (tanks, vats, and vessels).
- 9. Other.

**H. Wall Coverings** **1,000**

- 1. Measuring walls and ceilings; estimating materials.
- 2. Using drop cloth to cover and protect furniture, floors, and other surfaces.
- 3. Stripping old wall covering.
- 4. Repairing surface cracks, defects or damage with caulk, putty, plaster, or other filler.
- 5. Preparing surface; cleaning, sanding, priming, sizing; applying acetic acid to damp plaster (if applicable).
- 6. Setting up paste table, ladders, scaffolding (if applicable).
- 7. Marking vertical guideline on wall.
- 8. Checking wall covering for flaws.
- 9. Mixing and applying paste.
- 10. Measuring, cutting and placing wall covering on wall, ceiling or other surface; matching pattern.

11. Smoothing strips of wall covering and seam joints.
12. Trimming selvage, excess material at ceiling, baseboard.

**I. Record Keeping (if applicable) 50**

1. General record keeping using the computer if available.
2. Recording time and production.
3. Recording inventory, tools and supplies, related materials.
4. Maintaining work orders, supply orders, estimates.
5. Maintaining supplier contact information, catalogs, websites.
6. Scheduling.

**Approximate Total hours 6,000**

\*If optional components are not selected, the time should be devoted to further mastery of the required Work Processes.

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

#### General Workplace Safety

1. Asbestos Safety
  - a. Asbestos Awareness – minimum 4 hours (see attachment)
    - i. If apprentice will do any handling of asbestos: Successfully complete a course approved by the New York State Department of Health for “Asbestos Handler” and obtain, and keep current, an “Asbestos Handler (Worker)” certificate from the New York State Department of Labor.
    - ii. If apprentice will do no handling of asbestos: Asbestos Awareness – minimum 4 hours (see attachment)
2. Lead – Safe Work Practices
3. Lead Abatement (if applicable)
4. Proper Use of Personal Protective Equipment (PPE)
5. Right-to-Know/Material Safety Data Sheets (MSDS)
6. OSHA 10 Hour Construction Course – if required for Public Work
7. First Aid – minimum 6.5 hours every 3 years
8. Fall Prevention
9. Ladder and Scaffold Safety
10. Forklift Safety and Certification (at option of sponsor)
11. Basic Rigging and Hand Signals
12. Proper Lifting Techniques
13. Respirator Training including Fit Test (if applicable)
14. Fire Extinguisher Training (if applicable)
15. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law

#### Blueprint Reading

1. Fundamentals of Blueprint Reading
2. Reading Trade Catalogs (if applicable)

## **Mathematics**

1. Fundamentals and Review of Basic Arithmetic
2. Applications to the Trade
3. Materials and Cost Estimating (at option of sponsor)

## **Trade Theory and Science: Painting**

1. Use, Care and Maintenance of Hand and Power Tools, Machines, Equipment of the Trade Paints, Stains, Varnishes, Shellac, Polyurethanes, Clear Coats: Types and Properties
2. Color Theory and Harmony
3. Surface Preparation
4. Paint Mixing (at option of sponsor)
5. Paint Matching
6. Application of Various Coatings
7. Wood Finishing
8. Stencil Drafting and Cutting (at option of sponsor)
9. Gold Leafing (at option of sponsor)
10. Graining and Marbling (at option of sponsor)
11. Environmentally Friendly Materials and Techniques

## **Trade Theory and Science: Paperhanging**

1. Use, Care and Maintenance of Hand and Power Tools, Machines, Equipment of the Trade
  - a. Surface Preparation
  - b. Paste Table Work
  - c. Paperhanging
    - i. Simple Patterns
    - ii. Special Patterns
    - iii. Ceilings
    - iv. Walls
    - v. Working Around Doors and Windows
2. Environmentally Friendly Materials and Techniques

## **Other Workplace Skills**

1. Communications Skills
2. Computer Fundamentals (if used on the job)

3. Fundamentals of Supervision (at option of sponsor)

**Other Related Courses as Necessary**

A minimum of 144 hours of Related Instruction is required for each apprentice for each year.

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



## ATTACHMENT TO APPENDIX B

### Asbestos Awareness

This course must be delivered by one of the following:

1. A provider currently approved by the New York State Department of Health to deliver asbestos safety training.
2. A person holding a current Asbestos Handler certificate from the New York State Department of Labor in the title of: Inspector, Supervisor, Project Monitor, Management Planner, or Project Designer.
3. Anyone otherwise approved by the New York State Education Department.

Minimum course contents must include the following:

1. Definition of asbestos
2. Types and physical characteristics
3. Uses and applications
4. Health effects:
  - a. Asbestos-related diseases
  - b. Risks to families
  - c. Cigarette smoking
  - d. Lack of safe exposure level
5. Employer-specific procedures to follow in case of potential exposure, including making a supervisor or building owner immediately aware of any suspected incidental asbestos disturbance so that proper containment and abatement procedures can be initiated promptly.

**Notwithstanding the above course requirement, employers are advised that they must also be in compliance with New York State Department of Labor Industrial Code Rule 56 at all times.**

**Employers are further advised, and must advise all apprentices, that completion of the above course requirement does not authorize any person to remove, encapsulate, enclose, repair, disturb, or abate in any manner, any friable or non-friable asbestos, asbestos containing material, presumed asbestos containing material, or suspect miscellaneous asbestos containing material.**