

TERRAZZO WORKER

APPENDIX A

O*NET CODE 47-2053.00

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. Safe work habits and practices. Proper use and maintenance of tools, machines, and equipment.	200
B. Preparing all types of sub-surfaces for terrazzo.	100
C. Shooting water level, transit level and laser.	200
D. Floating bed-sand cushion, placing isolation membrane, wire mesh and screeding underbed.	800
E. Installing divider strips and glued divider strips. Saw cutting control joints.	500
F. Placing terrazzo mixture in panels and troweling to top of strips. Seeding of additional chips. Rolling and troweling terrazzo to top of strips. Mixing various types of mortar and chips.	1,400
G. Laying out pattern designs from sketches or plans.	250
H. Using thin-set epoxy, polyester, polyacrylate and other artificial simulated materials.	300
I. Setting grounds form terrazzo base and curbs (scratch coats must exceed 1/2" on walls and ceilings).	700
J. Making and installing pre-cast terrazzo base, steps, wainscot, window stools and partitions.	650
K. Installing seamless floors.	250
L. Cleaning, sealing, grouting terrazzo. Protecting, repairing and patching terrazzo. Installing membrane overcracks.	400

M. Machine grinding and polishing acid wash; selecting and using other polishing compounds and methods. 150

N. Applying stone aggregate. 100

Approximate Total Hours 6,000

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>

TERRAZZO WORKER
APPENDIX B
RELATED INSTRUCTION

Blueprint Reading, Sketching and Drawing

1. Elementary Blueprint Reading
2. Advanced Blueprint Reading

Mathematics

1. Fundamental of Mathematics
2. Applications to the Trade
3. Estimating Costs

Safety

1. Fundamentals
2. Trade Safety
3. OSHA 10-Hour Construction Course – if required for Public Work
4. Asbestos Awareness – minimum 4 hours (see attachment)
5. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law
6. First Aid & Safety (6.5 hours minimum every 3 years)

Industrial and Labor Relations

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

Trade Science

1. Properties of Materials
2. Care and Use of Hand Tools
3. Proportions of Mortar Constituents
4. Mortar Mixes, Terrazzo Mixes, Chip Selection, Thin Set Coat Materials, Terrazzo grouts of various composition and their application.
5. Preparation of Various Surfaces, both floor and wall

Trade Theory

1. Terminology

2. Materials
3. Tools, Machines and Equipment
4. Layout
5. Operation, Care and Maintenance
6. Design Setting and other Colored Designs

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.

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.