

## MARBLE CARVER, CUTTER & SETTER

### APPENDIX A

O\*NET 47-2044.00

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 training or classroom instruction.

### WORK PROCESSES

	<b>Approximate Hours</b>
<b>A. Safe Use and Maintenance of Related Trade Tools and Equipment</b>	<b>262 - 350</b>
<b>B. Stone Fabrication and Repair</b>	<b>600 - 800</b>
<b>C. Job Layout (Vertical and Horizontal Work)</b>	<b>187 - 250</b>
<b>D. Prepare Sub-Surfaces for Stone Installation (Vertical and Horizontal Work)</b>	<b>300 – 400</b>
<b>E. Prepare Stone for Installation, To Include Traditional and Modern Systems Vertical and Horizontal Applications)</b>	<b>300 – 400</b>
<b>F. Installation of all Anchoring Devices</b>	<b>120 - 160</b>
<b>G. Material Handling and Rigging</b>	<b>150 - 200</b>
<b>H. Setting Dimensional Stone, Natural, Cast and Cultured (Vertical and Horizontal Methods)</b>	<b>2,160 - 2,880</b>
<b>I. Cleaning, Caulking and Grouting Stone</b>	<b>225 - 300</b>
<b>J. Certified Welding</b>	<b>195 - 360</b>
<b>K. Machine Cutting</b>	<b>1,000</b>
<b>L. Advance Training in Carving and Cutting (Hand and Pneumatic)</b>	<b>1,000</b>
<b>Approximate Total hours</b>	<b>6,500-8,000</b>

*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>.*

# **MARBLE CARVER, CUTTER & SETTER**

## **APPENDIX B**

### **RELATED INSTRUCTION**

#### **Workplace Safety and Health**

1. First Aid (6.5 hours every 3 years)
2. Sexual Harassment Prevention – must comply with section 201-g of the Labor Law

#### **Blueprint Reading, Sketching and Drawing**

1. Elementary Blueprint Reading and Sketching
2. Advanced Blueprint Reading and Sketching
3. Alphabets, Lettering and Stencils
4. Carving Designs and Specifications
5. Layout (from Drawings)

#### **Mathematics**

1. Fundamentals
2. Applications to the trade
3. Materials Estimating

#### **Safety (16 hours)**

1. Fundamentals (4 hours, 1st year)
2. Trade Safety (12 hours, 2nd year)
3. OSHA Construction Safety 1926 (30 hours)

#### **Industrial and Labor Relations (20 hours)**

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

#### **Trade Science and Theory**

1. Use of Tools, Machines and Equipment
2. Properties and Characteristics of Materials
3. Scaffold Safety Qualification
4. Mortars and Plaster
5. Handling Heavy Materials
6. Cleaning, Sealing and Finishing
7. Anchoring Systems

8. Restoration

9. Advance Topics/New Technologies

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

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