



STATE OF NEW YORK  
DEPARTMENT OF LABOR

APPENDIX A

CEMENT FINISHER or CEMENT MASON

O\*NET 47-2051.00

D.O.T. 844.364-010

This training outline represents 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 instruction.

WORK PROCESSES

	<u>Approximate Hours</u>
A. Leveling and setting screeds, including laser screed	490 - 500
B. Rodding-spreading and tamping of concrete	240 - 250
C. Drying and de-watering	25 - 50
D. Jointing and edging	340 - 450
E. Floating and troweling; operating and care of power floats	840 - 1,000
F. Applying special effects such as aggregate, color, patterning	125 - 250
G. Finishing or washing of concrete construction	240 - 250
H. Waterproofing; gunite; sandblasting (optional)*	240 - 325
I. Patching, bushing, chipping and rubbing or grinding of all concrete	440 - 500
J. Running base and curbs	240 - 500
K. Sills, steps, coping, stairs, risers, sidewalks	590 - 875
L. Setting of strips, screeds, stakes, grades, and curb forms	300 - 500

Cement Finisher or Cement Mason – continued

Approximate Hours

M.	Laying of special floors (optional)*	290 - 375
N.	Laying and finishing of gypsum material roof (optional)*	100 - 175
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	Total hours	4,500 – 6,000

\*If optional Work Processes are not elected, the hours shall 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 <http://www.labor.state.ny.us/workerprotection/publicwork/PDFs/Article8FAQS.pdf>.*

## APPENDIX B

### CEMENT FINISHER or CEMENT MASON

#### RELATED INSTRUCTION

##### Safety and Health

- Construction safety, including all applicable OSHA regulations, standards, rules
- Using personal protective equipment
- Drug and alcohol awareness
- Scaffold safety
- Material Safety Data Sheet (MSDS)
- Preventing silicosis
- First Aid – minimum 6.5 hours every 3 years
- OSHA 10-Hour Construction Course – if required for Public Work

##### Blueprints

- Elementary blueprint reading and sketching
- Blueprint reading & sketching for the building trades
- Building plan reading and interpreting
- Interpreting specifications

##### Mathematics

- Fundamentals
- Applications to the trade
- Estimating

##### Trade Theory and Science

- History of the trade
- Materials of the trade
- Terminology
- Use of tools, machines, and equipment
- Using lasers and transits
- Laying out the job
- Erecting scaffolding
- Forms and reinforcing
- Repair and renovation
- Building codes and regulations

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

- History and background (6 hours, 1<sup>st</sup> year)
- Current laws and practices (14 hours, 2<sup>nd</sup> year)

##### Sexual Harassment Prevention Training – minimum 3 hours

Cement Finisher or Cement Mason Related Instruction – continued

Other suggested courses

Workplace diversity

Team building skills

Defensive driving

Other Related Courses as Necessary

A Minimum of 144 Hours of Related Instruction is Required for Each Apprentice for Each Year.