



OHIO GRATINGS, INC.

Moving You A Step Ahead

Since 1970, Ohio Gratings has been a leader in metal bar grating design, manufacturing and custom fabrication services.

Our products are used worldwide in industrial and architectural applications like walkways, catwalks, trenches, stairs, bridge decks, screens, grilles, fencing, mezzanines, and shelving. Ohio Gratings is headquartered in Canton, Ohio.

Ohio Gratings is here to be a full-service resource for you and your team.

Let us know if you have any questions, or if there are any samples we can send to help you plan your next project.

- Metal Grating/Plank/Plate
- Stairs/Treads
- Platforms and Mezzanines
- Bridge Decking
- Utility Vaults
- Heavy-Duty Shelves
- Sunshades/Grilles
- Louvered Grating
- Pedestrian Walkways



Approved
Continuing
Education

CITY SIDEWALK SOLUTIONS

Utility Vault Covers & Subway Ventilation Grating

5299 Southway St. SW Canton, OH 44706 | 800.321.9800 | ohiogratings.com

Provider #10009219 · Course #OGI-CTY1 · Level: Intermediate · 1LU/HSW

About this Course

This course examines utility vault cover and subway ventilation grating requirements, safety considerations, and applications; highlighting a range of innovative solutions available for city sidewalks.

HSW Information

With the rise of underground utility installation across the United States, there is a growing need for safe, effective, and reliable metal bar grating and plate utility vault covers in city sidewalks. Architects have a positive duty to help protect public health, safety, and welfare by designing and specifying vault covers and subway grates that meet current standards for accessibility, protection, durability, security, ADA-compliance, slip-resistance, and vehicular/pedestrian loading.

Learning Objectives

After this course, participants will be able to:

- Understand safety considerations for utility vault covers and ventilation grates, including ADA guidelines, AASHTO H-20 vehicular loading requirements, percentage of open area requirements, and slip resistance standards
- Compare materials, fabrication methods & finishes used in metal vault cover and ventilated grating design
- Describe innovative access & safety features including hatch doors, lift assist systems, and locking mechanisms
- Recognize vault cover and ventilated grating application options for replacement, new construction, and retrofitting

PRESENTATION TEAM:



Aristotle Zournas *Specialty Products Manager*

Aristotle excels in technical sales and application engineering. With a degree in Electrical Engineering, he has also studied Civil Engineering at the University of Akron. Aristotle offers product design solutions and expertise to help engineers meet their unique project needs.



Mike Russo | *Product Development Engineer*

Mike is an experienced engineering professional known for his efficient problem solving skills. Obtaining his MBA in 2008, Mike has a background in business and project management that offers strategic, innovative solutions that produce positive results for business owners.

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