

ENVIRONMENTAL COATING COMPLIANCE

VOC REGULATIONS FOR MAJOR AIR DISTRICTS



NATIONAL AIM RULE

NATIONAL ARCHITECTURAL AND INDUSTRIAL MAINTENANCE RULE

INTENDED USE	VOC (g/L)
FLAT COATINGS	250
INDUSTRIAL MAINTENANCE	450
HIGH HEAT INDUSTRIAL MAINTENANCE	420
METALLIC PIGMENTED	500
NON-FLAT COATINGS	380
NON-FLAT HIGH GLOSS	N/A
WATERPROOFING SEALERS	700

Note: Implementation of future National AIM rule has not been established.

OTC

OZONE TRANSPORT COMMITTEE

INTENDED USE	PHASE I VOC (g/L)	PHASE II VOC (g/L)
FLAT COATINGS	100	50
INDUSTRIAL MAINTENANCE	340	250
HIGH HEAT INDUSTRIAL MAINTENANCE	420	420
METALLIC PIGMENTED	500	N/A
METALLIC PIGMENTED (EXCLUDES ZINC)	N/A	500
NON-FLAT COATINGS	150	100
NON-FLAT HIGH GLOSS	250	150
WATERPROOFING SEALERS	400	100
FLOOR COATINGS	250	100
ZINC-RICH PRIMER	N/A	340
DRY FOG	N/A	150

Note: The OTC Phase II Model rule follows the CARB 2007 SCM limits. OTC States have begun implementation of OTC Phase II and include Maryland, Delaware, Connecticut, Rhode Island and New York.

The Virginia cities/counties of Alexandria, Arlington, Charles City, Chesterfield, Colonial Heights, Fairfax, Falls Church, Fredericksburg, Hanover, Henrico, Hopewell, Loudoun, Manassas, Manassas Park, Petersburg, Prince George, Prince William, Richmond, Spotsylvania, and Stafford follow OTC Phase I rules.

LADCO

LAKE MICHIGAN AIR DIRECTORS CONSORTIUM

INTENDED USE	AIM VOC (g/L)	OTC PHASE 1 VOC (g/L)	OTC PHASE 2 VOC (g/L)
FLAT COATINGS	250	100	50
INDUSTRIAL MAINTENANCE	450	340	250
HIGH HEAT INDUSTRIAL MAIN.	420	420	420
METALLIC PIGMENTED	500	500	N/A
NON-FLAT COATINGS	380	150	100
NON-FLAT HIGH GLOSS	N/A	250	150
WATERPROOFING SEALERS	700	400	100
FLOOR COATINGS	N/A	250	100

Note: LADCO includes the states of Illinois, Indiana, Michigan, Wisconsin, and Ohio. Wisconsin defaults to the National AIM rule limits. Illinois and Indiana follow OTC Phase I. Michigan currently follows National AIM Rule, but has adopted a rule that parallels OTC Phase II (effective 3/1/2023). Ohio currently follows OTC Phase I but will be moving to OTC Phase II (effective 1/1/2024).

CARB

CALIFORNIA AIR RESOURCES BOARD

INTENDED USE	2002 SCM VOC (g/L)	2007 SCM VOC (g/L)	2019 SCM VOC (g/L)
FLAT COATINGS	100	50	50
INDUSTRIAL MAINTENANCE	340	250	250
HIGH HEAT INDUSTRIAL MAINTENANCE	420	420	420
METALLIC PIGMENTED (EXCLUDES ZINC)	N/A	500	500
NON-FLAT COATINGS	150	100	50
NON-FLAT HIGH GLOSS	250	150	50
CONCRETE/MASONRY SEALERS	400	100	100
FLOOR COATINGS	250	100	50
ZINC-RICH PRIMER	N/A	340	340
DRY FOG	N/A	150	50

Note: California has taken the lead in crafting the most stringent VOC limits for a variety of products including coatings. The state has 35 local air districts each with its own set of VOC rules. For assistance when specifying coating for California, the state has been broken down into four applicable rules within this document: AIM, CARB 2002 SCM, CARB 2007 SCM, and SCAQMD. The lower limits for the CARB 2019 SCM took effect on 1/1/2022 and has not been adopted by any local air districts at this time.

Colorado and the Utah counties of Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber parallel the CARB 2007 SCM limits.

SCAQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

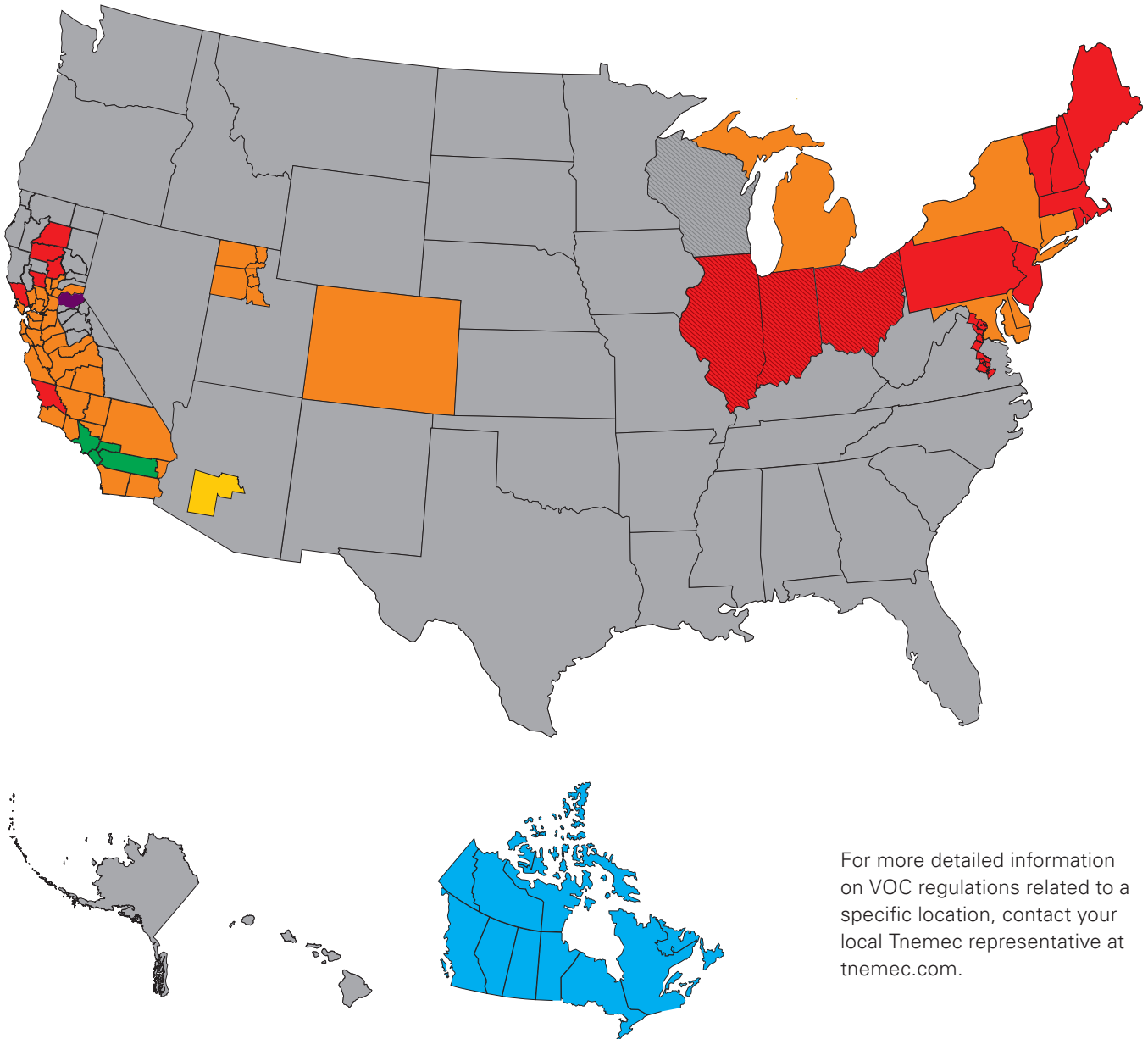
INTENDED USE	VOC (g/L)
FLAT COATINGS	50
INDUSTRIAL MAINTENANCE	100
HIGH HEAT INDUSTRIAL MAINTENANCE	420
METALLIC PIGMENTED (EXCLUDES ZINC)	150
NON-FLAT COATINGS	50
WATERPROOFING SEALERS	100
FLOOR COATINGS	50
ZINC-RICH PRIMER	100
DRY FOG	50

CANADA AIM RULE

ARCHITECTURAL AND INDUSTRIAL MAINTENANCE RULE

INTENDED USE	VOC (g/L)
FLAT COATINGS	100
HIGH-HEAT INDUSTRIAL MAINTENANCE	420
INDUSTRIAL MAINTENANCE	340
METALLIC PIGMENTED	500
NON-FLAT COATINGS	150
NON-FLAT HIGH GLOSS	250
WATERPROOFING SEALERS	400
FLOOR COATINGS	250

- National AIM Rule
- Ozone Transport Commission (OTC) - Phase I / California Air Resources Board (CARB) - 2002 SCM
- Lake Michigan Air Directors Consortium (LADCO)
- Ozone Transport Commission (OTC) - Phase II / California Air Resources Board (CABB) - 2007 SCM
- South Coast Air Quality Management District (SCAQMD)
- El Dorado County (CA): Check local rule requirements.
- Maricopa County (AZ): Reference Maricopa County Rule 335
- Canada AIM Rule



For more detailed information on VOC regulations related to a specific location, contact your local Tnemec representative at tnemec.com.

Published technical data, instructions and pricing are subject to change without notice. Contact your Tnemec technical representative for current technical data, instructions and pricing. Warranty information: The service life of Tnemec's coatings will vary. For warranty, limitation of seller's liability and product information, please refer to Tnemec Product Data Sheets at tnemec.com or contact your Tnemec technical representative. © Tnemec Company, Inc.