

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. However, the states of Ohio, Illinois, and Indiana have already adopted rules that parallel the OTC Phase I limits. Colorado has adopted a rule that parallels the OTC Phase II limits effective (5/1/2020).

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. States include (listed effective compliance date): Maryland (1/1/2017), Delaware (3/1/2017), Connecticut (5/1/2018), Rhode Island (1/1/2020), and New York (1/1/2021).

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 I VOC (g/L)
FLAT COATINGS	250	100
INDUSTRIAL MAINTENANCE	450	340
HIGH HEAT INDUSTRIAL MAINTENANCE	420	420
METALLIC PIGMENTED	500	500
NON-FLAT COATINGS	380	150
NON-FLAT HIGH GLOSS	N/A	250
WATERPROOFING SEALERS	700	400
FLOOR COATINGS	N/A	250

Note: LADCO includes the states of Illinois, Indiana, Michigan, Wisconsin, and Ohio. Illinois, Indiana, and Ohio have adopted rules that parallel the OTC Phase I limits. Wisconsin and Michigan default to the National AIM rule limits.

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 are effective 1/1/2022 and have 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

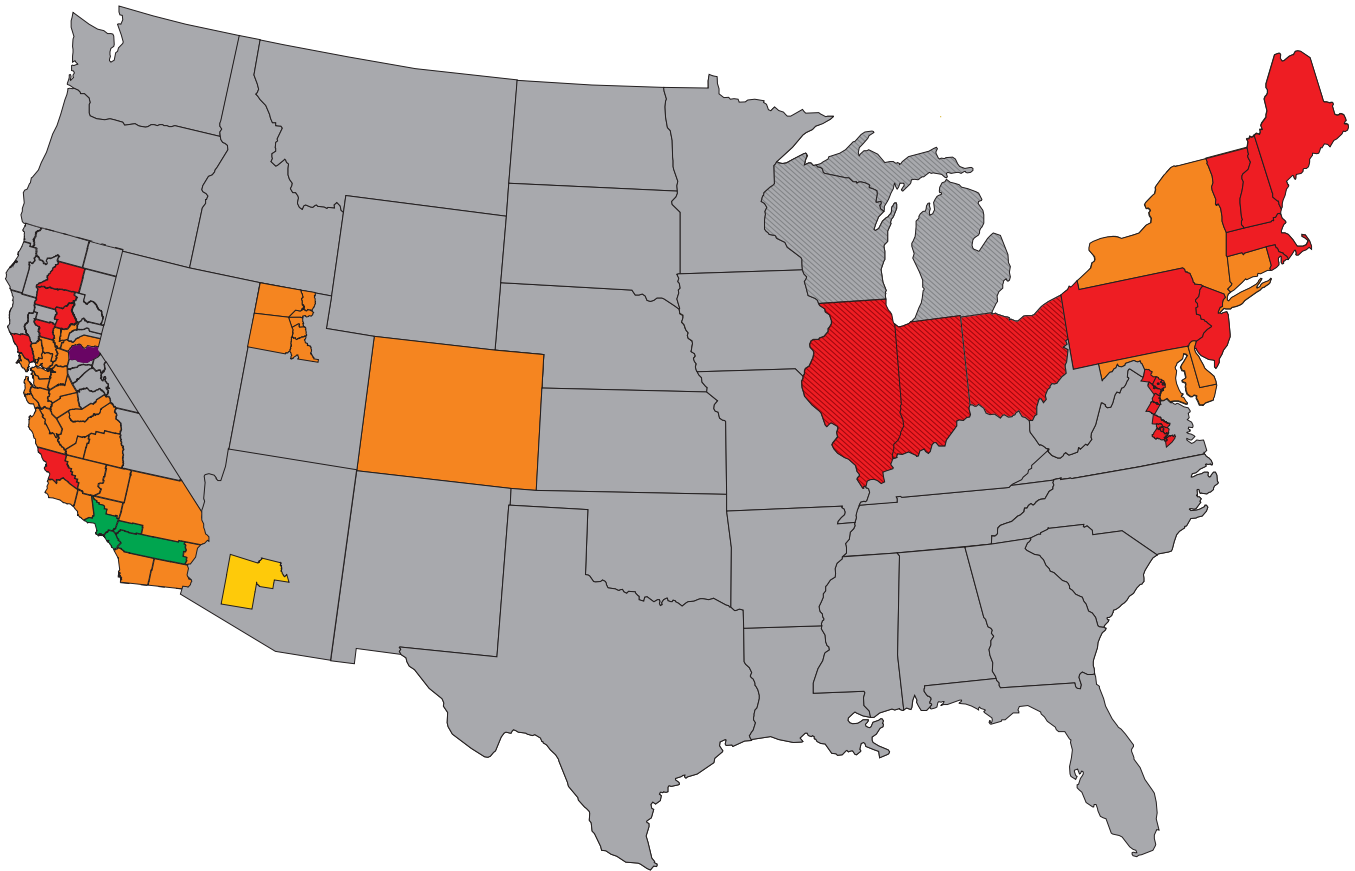
INTENDED USE	VOC (g/L)
FLAT COATINGS	50
INDUSTRIAL MAINTENANCE	100
HIGH HEAT INDUSTRIAL MAINTENANCE	420
METALLIC PIGMENTED (EXCLUDES ZINC)	150
NON-FLAT COATINGS	50
WATERPROOFING SEALERS	100
FLOOR COATINGS	50
ZINC-RICH PRIMER	100
DRY FOG	50

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.