

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**INTEROFFICE COMMUNICATION**

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July 5, 2001

TO: Jerry Avery, Field Operations Manager  
All District Supervisors

FROM: Paul Collins, Supervisor, Operating Program Unit

SUBJECT: Rule 212 Support Tables

Rule 212 proved to be a difficult rule for both staff and the regulated community to interpret. The concept behind the rule is fairly simple - information to be included in an administratively complete renewable operating permit (ROP) application should focus on the processes and pollutants for which applicable requirements exist. Processes and operations which are not regulated through permits or administrative rules (even though they may generate air pollutants) need not be included in an administratively complete application.

Rule 212(2) identifies the activities that do not need to be included in an administratively complete ROP application. Rules 212(3) and 212(4) specify which processes and process equipment need not be included in, or need only be listed in, an administratively complete application for an ROP, unless the process or process equipment is subject to applicable requirements that include a process-specific emission limitation or standard.

The attached three tables are intended to provide guidance to staff regarding applicable requirements that MAY apply to processes or process equipment that are exempt from the requirement to obtain a permit to install. The processes and process equipment listed in the Rule 212(3) table generally do not have a size or throughput restriction associated with the exemption, and therefore do not need to be included in an ROP application. Processes and process equipment included in the Rule 212(4) table have some type of size or throughput restrictions, and at a minimum, they must be listed and described in the ROP application.

The "Applicable Requirements" (AR) column in the table includes specific rules or regulations that MAY apply to a source in those categories. A determination of whether or not a source is subject to the AR (and therefore should be included in the ROP application) must be made on a case-by-case basis. The AR citations reference Michigan's air regulations and the federal requirements published in the Federal Register. The Federal Register citations include the following: Part 60 for NSPS, Part 61 for the NESHAPs prior to 1990, Part 62 for the HON NESHAPs, and Part 63 for the MACT NESHAPs.

Generally Applicable Requirements (GARs) are not considered when addressing Rule 212 issues. These are addressed in the ROPs through general permit conditions. Therefore, GARs are listed in the footnote and are not included in the tables. Also, some process or process equipment may appear to meet an exemption listed in the support tables, but still be subject to a permit to install. The terms and conditions of any permit to install are applicable requirements

and detailed information is required in the ROP application for all such processes and process equipment.

Keep in mind that Rule 212 only specifies the information that must be included in the ROP application, not the information that must be included in the ROP itself. Specifically, terms or conditions for processes or process equipment covered by Rule 281(h), Rule 287(c) or Rule 290 will be included in the ROP to address the usage restrictions, emission limitations, recordkeeping, and other requirements specified within those provisions. Rule 213 specifies the information that must be included in the ROP.

Note: As of July 5, 2001, Rule 212 is being revised as part of Rule Package ORR 1998-036EQ. The rules package is expected to be final on September 2, 2001 and includes air pollution control rules changes intended to address out-standing regulatory issues identified in the U.S. EPA Title V Interim Approval of Michigan's ROP Program. The changes to Rule 212 are reflected in the support tables and include the following:

- Revising the title of the rule to more accurately reflect the contents.
- Reorganizing the rule to clarify what information must be included in an "administratively complete" ROP application.
- Updating citations and adding new permit to install exemptions that have been promulgated since Rule 212 was effective.
- Deleting language that states insignificant activities do not contribute to a source's potential to emit.
- Clarifying the provision for quantifying emissions for the purpose of calculating fees.

Please contact Danita Brandt or Joanne Foy with any recommendations about corrections or improvements.

#### Attachments

cc: ROP Desk Manual Distribution List  
Joanne Foy, OPU  
Danita Brandt, OPU

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION**

**Summary of R 336.1212(2) & Associated Applicable Requirements**

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
R212(2)(b)	Rule 285	Miscellaneous	
		(a) Routine maintenance, parts replacement, or other repairs that are considered by the department to be minor, or relocation of process equipment within the same geographical site not involving any appreciable change in the quality, nature, quantity, or impact of the emission of an air contaminant therefrom. Examples or replacement or repairs include:	
		(i) Replacing bags in a baghouse.	None
		(ii) Replacing wires, plates, rappers, controls, or electric circuitry in an electrostatic precipitator which does not measurably decrease the design efficiency of the unit.	None
		(iii) Replacement of fans, pumps, or motors which does not alter the operation of a source or performance of air pollution control equipment.	None
		(iv) Boiler tubes.	None
		(v) Piping, hoods, and ductwork.	None
		(vi) Replacement of engines, compressors, or turbines as part of a normal maintenance program.	None
		(b) Changes in a process or process equipment which do not involve installing, constructing, or reconstruction an emission unit and which do not involve any meaningful change in the quality and nature or any meaningful increase in the quantity of the emission of an air contaminant therefrom. Examples of such changes include:	
		(i) Change in the supplier or formulation of similar raw materials, fuels, or paints and other coatings.	None
		(ii) Change in the sequence of the process.	None
		(iii) Change in the method of raw material addition.	None
		(iv) Change in the method of product packaging.	None
		(v) Change in the process operating parameters.	None
		(vi) Installation of a floating roof on an open-top petroleum storage tank.	None
		(vii) Replacement of a fuel burner in a boiler with an equally or more thermally efficient burner.	None
		(viii) Lengthening a paint drying oven to provide additional curing time.	None
		(c) Changes in a process or process equipment which do not involve installing, constructing, or reconstructing an emission unit and which involve a meaningful change in the quality and nature, or a meaningful increase in the quantity, of the emission of an air contaminant resulting from any of the following:	
		(i) Changes in the supplier or supply of the same type of virgin fuel such as coal, no. 2 or no. 6 fuel oil, or natural gas.	None

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		(ii) Changes in the location, within the storage area, or configuration of a material storage pile or material handling equipment.	None
		(iii) Changes in a process or process equipment to the extent that such changes do not alter the quality and nature, or increase the quantity of the emission of such air contaminant beyond the level which has been described in and allowed by an approved permit to install, permit to operate, or order of the department.	None
		(d) Reconstruction or replacement of air pollution control equipment with equivalent or more efficient equipment.	None
		(e) Installation, construction, or replacement of air pollution control equipment for an existing process or process equipment for the purpose of complying with the National Emission Standards of Hazardous Air Pollutants regulated under Section 1232 of Part A of Title 1 of the Clean Air Act, 84 statute 1685, 42 U.S.C. 7412	NESHAP
		(f) Installation or construction of air pollution control equipment for an existing process or process equipment provided that the control equipment itself does not actually generate a significant amount of criteria air contaminants as defined in R 336.1119(e) or a meaningful quantity of toxic air contaminants.	None
R212(2)(c)	Rule 287	Surface coating equipment	
		(f) Replacement of waterwash control in a paint spray booth with dry filter control.	None
		(g) Adding dry filters to paint spray booths.	None
		(h) Replacement of a coating applicator with a coating applicator that has an equivalent or higher design transfer efficiency, unless the applicator type is specified in a permit condition.	None

Note: These process changes do not need a permit to install application and therefore do not need to be included in an ROP application. However, if any compliance monitoring requirements in the ROP would be affected by such change, then an application shall be made to revise the ROP pursuant to R 336.1216.

Example - A facility has a paint booth with a water curtain for control. The existing permit requires monitoring and recordkeeping of a flow rate to ensure proper operation of the water curtain. If the water curtain is replaced with dry filters, a permit to install is not required for the change, but the existing compliance monitoring plan, which is now obsolete, must be revised in the ROP to reflect the new control equipment.

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION**

**Summary of R 336.1212(3) & Associated Applicable Requirements**

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
R212(3)(a)	Rule 280	Cooling and ventilating equipment	
		(a) cold storage refrigeration equipment	Possibly Title VI
		(b) comfort air conditioning or ventilating systems	Possibly Title VI
		(c) natural draft hoods or ventilation	None
		(d) water-cooling towers and ponds (not for evaporative cooling)	A few using Cr are subject to 40 CFR, Part 63, Subpart Q
		(e) embalming processes	None
R212(3)(b)	Rule 281	Cleaning, washing, drying equipment	
		(a) vacuum-cleaning systems for housekeeping	None
		(b) portable steam cleaning equipment	None
		(c) water-borne abrasive cleaning equipment	None
		(d) portable blast-cleaning equipment	None
		(e) washing or drying equipment if material not a contaminant & no VOCs with vapor pressure greater than 0.1 mm Hg at standard conditions or certain fuels used	None
		(f) laundry dryers, extractors, tumblers if only water solutions of bleach or detergents	None
		(i) sterilization equipment using certain compounds	None
R212(3)(c)	Rule 282	Furnaces, ovens & heaters	
		(a) the following processes which are electrically heated:	
		(i) furnaces for heat treating, which don't involve molten materials, oil-coated parts or oil quenching	None
		(ii) porcelain enameling furnaces or drying ovens	None
		(iii) kilns for firing ceramic ware	None
		(iv) crucible, pot, or induction melting & holding furnaces with capacity of < 1000 pounds, sweating & distilling is not conducted, no fluxing with specified compounds	40 CFR, Part 60, Subpart L; 40 CFR, Part 63, Subparts X, RRR, EEEEE, ZZZZZ, TTTTTT and ZZZZZZ.
		(v) bakery ovens and cookers for products intended for human consumption	None
(vi) electric resistance melting and holding furnaces that meet certain criteria	40 CFR, Part 63, Subparts X, TTTTTT and ZZZZZZ		

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
R212(3)(d)	Rule 283	Testing & inspection equipment (Excluding those listed in (2)(a)-(d))	
		(a) pilot processes utilizing T-BACT for analysis, research and testing as listed in (i)-(viii)	None
		(b) laboratory equipment	None
		(c) equipment for hydraulic or hydrostatic testing	None
		(d) equipment for inspection of metal, wood or plastic products	None
		(e) vacuum pumps for leak-testing metal products using helium or nitrogen	None
		(f) process sample valves to collect material for testing and inspection	40 CFR, Part 61, Subparts J and V; 40 CFR, Part 63, Subpart H
R212(3)(e)	Rule 284	Containers	
		(a) dipping or storage operations for coating objects with substances containing no organic solvents	None
		(c) storage and surge capacity of lubricating hydraulic, and thermal oils and indirect heat transfer fluids	40 CFR, Part 60, Subpart K, Ka, Kb
		(d) storage of specified fuel oils	40 CFR, Part 60, Subpart Kb
		(h) storage of water solutions of inorganic salts and bases and specified acids, limited by % by weight	None
		(j) pressurized storage of acetylene, hydrogen, oxygen, nitrogen, helium & other substances with boiling point of 0° C (except if >500 gallons of chlorine or anhydrous ammonia)	Section 112(r)
		(k) storage containers of noncarcinogenic solid material, only emit PM with appropriate controls	Rule 331, Table 31, J
		(l) filling of noncarcinogenic liquids in containers where emissions are released only into general in-plant environment	40 CFR, Part 63, Subpart DD
		(m) storage of wood and wood residues	Rule 331, Table 31, J
R212(3)(f)	Rule 285	Miscellaneous	
		(h) vacuum pumps in lab or pilot plant operations	None
		(i) brazing, soldering, welding or plasma coating equipment	None
		(j) portable cutting torches	None
		(k) grain, metal or mineral extrusion presses	None
		(l) the following equipment & associated exclusive exhaust or collector system:	
		(i) equipment used for bending, forming, expanding rolling, forging, pressing, drawing, stamping, spinning or extruding hot or cold metals	Rule 331, Table 31, J; 40 CFR Part 63, Subpart XXXXXX
		(ii) die casting machines	None

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		(iii) equipment for surface prep. of metals using aqueous solutions, except for acid solutions	40CFR, Part 63, Subpart WWWWWW
		(iv) air generators used with metal heat treating processes	None
		(v) equipment used exclusively for sintering of glass or metals	None
		(vii) photographic process equipment as listed in (A)-(E)	None
		(viii) battery charging operations	None
		(ix) pad printers	None
		(m) lagoons, water & sewage treatment systems except for those listed in (i)-(iv)	40 CFR, Part 60, Subpart QQQ; 40 CFR, Part 63, Subparts F, G, DD and HHHHH
		(n) livestock systems with only odorous gas as a potential air emission	None
		(o) grain drying and handling equipment on a farm	Rule 331, Table 31, J
		(p) commercial grain drying & handling equipment	40 CFR, Part 60, Subpart DD; Rule 331, Table 31, J
		(r) equipment for the following metal treatment processes if the emissions are released only into the in-plant environment:	
		(i) surface treatment	40 CFR, Part 63, Subparts N and WWWWWW
		(ii) pickling	40 CFR, Part 63, Subparts CCC and WWWWWW
		(iii) acid dipping	40 CFR, Part 63, Subpart WWWWWW
		(iv) cleaning	Rules 611, 612, 613, 614, 707, 708, 709, 710; 40 CFR, Part 63, Subparts T and WWWWWW
		(v) etching	40 CFR, Part 63, Subpart WWWWWW
		(vi) electropolishing	40 CFR, Part 63, Subpart WWWWWW
		(vii) electrolytic stripping or plating	40 CFR, Part 63, Subparts N and WWWWWW

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		(s) emissions authorized pursuant to a U.S. Nuclear Regulatory Commission license	40 CFR, Part 61, Subparts H and I
		(t) mining & screening of uncrushed sand, gravel, soil and other inorganic soil-like materials	Rule 371 (if Table 36 area); Section 5524 of NREPA; 40 CFR, Part 60, Subpart OOO
		(v) vapor vacuum extraction soil remediation process with no emissions to the air	None
		(w) controlled air strippers used just for fuel spills	None
		(x) asbestos removal or stripping process equipment	40 CFR, Part 61, Subpart M
		(y) ozonization process equipment	None
		(z) combustion of boiler cleaning solutions if the solution is not hazardous pursuant to fed regulations or state rules	None
		(aa) landfills & associated flares & leachate collection & handling equipment	40 CFR, Part 60, Subparts Cc and WWW; 40 CFR, Part 61, Subpart M; 40 CFR, Part 62, Subpart GGG; 40 CFR Part 63, Subpart AAAA
		(bb) composting process or process equipment	None
		(cc) gun shooting ranges controlled by appropriate high-efficiency particulate filters	None
		(dd) equipment for handling, conveying, cleaning, milling, mixing, cooking, drying, coating, and packaging grain-based food products and ingredients which meet any of the following:	Rule 331, Table 31, J
		(i) used on a non-production basis	Rule 331, Table 31, J
		(ii) emissions released only into general in-plant environment	Rule 331, Table 31, J
		(iii) if externally vented, has appropriate control system	Rule 331, Table 31, J
		(ee) open burning	Rule 310
		(ff) fire extinguisher filling, testing, spraying, and repairing	None
		(gg) equipment used for chipping, flaking, or hogging wood or wood residues that are not demolition waste materials	Rule 331, Table 31, J
		(hh) a process that uses only hand-held aerosol spray cans, including the puncturing and disposing of the spray cans	None
		(ii) fuel cells that use phosphoric acid, molten carbonate, proton exchange membrane, or solid oxide or equivalent technologies	None
		(kk) air sparging systems that meet certain criteria	None
		(ll) air separation or fractionation equipment used to produce nitrogen, oxygen, or other	None

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		atmospheric gases	
R212(3)(g)	Rule 286	Plastic processing equipment	
		(a) plastic extrusion, rotocasting & pultrusion & associated resin equipment	40 CFR, Part 63, Subpart WWWW
		(b) plastic injection, compression & transfer molding equipment & associated resin equipment	40 CFR, Part 63, Subpart WWWW
		(c) plastic blow molding equipment & associated resin equipment if the blowing gas is one of those listed	None
		(d) plastic thermoforming equipment	None
		(e) reaction injection molding (open or closed mold) and slabstock/casting equipment	40 CFR, Part 63, Subpart WWWW
R212(3)(h)	Rule 287	Surface coating equipment	
		(b) surface coating process using only hand-held aerosol spray cans, including the puncturing and disposing of the spray cans	Rules 610, 621, 624, 632, and 702
		(d) powder coating booth with appropriate control system & associated ovens	Rule 331, Table 31, J; Various Surface Coating MACTS and Surface Coating NSPS may apply
		(e) silk-screen process	None
		(i) equipment for application of hot melt adhesive	None
		(j) portable equipment for on-site production painting	Part 6 and Part 7 Rules; 40 CFR, Part 63, Subpart HHHHHH
		(k) mixing, blending or metering operations associated with a coating line	Various Surface Coating MACTS and Surface Coating NSPS may apply
R212(3)(i)	Rule 288	Oil and gas processing equipment	
		(a) gas odorizing equipment	None
		(b) glycol dehydrator located at an oil well site controlled by a condenser or by other control equipment of equivalent or better efficiency, or located at a site or facility that only processes natural gas from the Antrim zone	40 CFR Part 63, Subparts HH and HHH
		(c) sweet gas flare	None
		(d) equipment for the separation or fractionation of sweet natural gas, but not including sweetening equipment	40 CFR, Part 60, Subpart KKK

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		(e) equipment used for oil & gas well drilling, testing, completion, rework & plugging activities	Rule 403
R212(3)(j)	Rule 289	Asphalt & concrete production equipment	
		(a) cold feed aggregate bin for asphalt & concrete production equipment	None
		(b) liquid asphalt storage tank with appropriate control	None
		(c) asphalt concrete storage silo with emissions vented back into the kiln or equivalent control	None

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.  
03-02-2011

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION**

**Summary of R 336.1212(4) & Associated Applicable Requirements**

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
R212(4)(a)	Rule 281	Cleaning, washing & drying equipment	
		(g) dry-cleaning equipment with capacity < 100 pounds of clothes	Rule 619; 40 CFR Part 60, Subpart JJJ; 40 CFR, Part 63, Subpart M
		(h) cold cleaners that have air/vapor interface not more than 10 sq. ft	Rules 611, 613, 707, 709; 40 CFR, Part 63, Subpart T
		(j) portable blast cleaning equipment that meets certain criteria	None
R212(4)(b)	Rule 282	Furnaces, ovens & heaters	
		(a) processes or equipment which fire sweet gas or no. 1 or no. 2 fuel oil, maximum total heat input rate < 10 million Btu/hr:	
		(i) furnaces for heat treating glass or metals not involving molten materials, oil-coated parts or oil quenching	Rule 402
		(ii) porcelain enameling furnaces or drying ovens	Rule 402
		(iii) kilns for firing ceramic ware	Rule 402
		(iv) crucible furnaces, pot furnaces or induction melting & holding furnaces with limited capacity & not used for certain purposes or using certain compounds	Rule 402
		(v) bakery ovens & confection cookers for products for human consumption	Rule 402
		(b) fuel-burning equipment used for limited purposes and burning only the following fuels:	
		(i) sweet natural gas, synthetic gas, liquified petroleum gas if the equipment capacity is not more than 50 million Btu/hr	40 CFR, Part 60, Subpart Dc
		(ii) # 1 or #2 fuel oil, distillate oil, gaseous fuels specified in (l) above or combination, which contains not more than 0.4% sulfur by weight & the equipment capacity is not more than 20 million Btu/hr	Rule 331, Table 31, A.6 and 7; 40 CFR, Part 60, Subpart Dc
		(iii) wood, wood residue or wood waste which meets specified criteria & the equipment capacity is not more than 6 million Btu/hr	Rule 331, Table 31, A.6 and 7; 40 CFR, Part 60, Subpart Dc
(iv) waste oil or used oil fuels which are generated at the site & the equipment has capacity not more than 500,000 Btu/hr	40 CFR, Part 60, Subpart Dc		
(c) fuel-burning & refuse-burning equipment used exclusively for dwelling of not more than 3 families	None		
(d) all residential cooking equipment	None		
(e) smokehouses & other equipment used for preparing food for human consumption at restaurants, etc.	None		

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		(f) blacksmith forges	None
		(g) sour gas-burning equipment, if actual emission of SO2 does not exceed 1 lb/hr	Rule 403
R212(4)(c)	Rule 284	Containers	
		(b) storage of butane, propane or liquefied petroleum gas in a vessel < 40,000 gallons	Section 112(r); 40 CFR, Part 63, Subpart EEEE
		(e) storage of sweet crude or sweet condensate in a vessel < 40,000 gallons	40 CFR, Part 63, Subpart EEEE
		(f) storage of sour crude or sour condensate in a vessel < 40,000 gallons if vapor recovery or equivalent control is used	Rule 403
		(g) gasoline or natural gas storage & handling equipment as follows:	
		(i) gasoline storage and handling equipment at loading facilities handling < 20,000 gallons/day or at dispensing facilities	Rules 606-608, 703-705; Section 112(r); 40 CFR, Part 63, Subparts BBBB and CCCCC
		(ii) natural gas storage and handling equipment at dispensing facilities	None
		(i) storage or transfer operations of VOCs or noncarcinogenic liquids in a vessel < 40,000 gallons where contents have true vapor pressure not more than 1.5 psia at storage conditions	Section 112(r); 40 CFR, Part 60, Subparts K, Ka, Kb; 40 CFR, Part 63, Subparts DD and EEEE
		(n) storage of methanol in a vessel that has a capacity of not more than 30,000 gallons <b>(Rule 212(4) must be revised to include this exemption)</b>	40 CFR, Part 63, Subparts DD and EEEE
R212(4)(d)	Rule 285	Miscellaneous	
		(g) internal combustion engines with < 10 million Btu/hr maximum heat input	Rule 402; 40 CFR, Part 60, Subparts III and JJJJ; 40 CFR, Part 63, Subpart ZZZZ
		(l)(vi) Equipment for carving, cutting, etc. of ceramic artwork, leather, metals, etc. which meets any of the following:	
		(A) used on non-production basis	Rule 331, Table 31, J
		(B) emissions released into general in-plant environment	Rule 331, Table 31, J
		(C) if externally vented, has appropriate controls	Rule 331, Table 31, J
		(q) portable steam deicers that have heat input of <1 million Btu/hr	None
		(u) solvent distillation equipment with rated batch capacity of not more than 55 gallons	Rule 702
		(jj) any vacuum truck used at a remediation site if it is not used more than once per month at a site and the usage is not more than 2 consecutive days	None
		(mm) routine and emergency venting of natural gas from transmission and distribution systems or field gas from gathering lines that meets certain criteria <b>(Rule 212(4) must be revised to include this exemption)</b>	None

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
R212(4)(e)	Rule 287	Surface coating equipment	
		(a) adhesive coating line with application rate < 2 gallons/day, with emissions released only into general in-plant environment	Rules 621, 632, 610, 624, 702; Various Surface Coating MACTS and Surface Coating NSPS may apply
		(c) surface coating line if: the coating use rate is not more than 200 gallons/month; the exhaust system has proper particulate control system; and the monthly use records are kept on file & available to AQD for the most recent 2 years	Rules 610, 621, 624, 632, 702; Various Surface Coating MACTS and Surface Coating NSPS may apply
R212(4)(f)	Rule 289	Asphalt and concrete production equipment	
		(d) concrete batch plants that meet certain requirements	None
R212(4)(g)	Rule 290	Emission units with limited emissions listed in Rule 290(a) if the conditions listed in (b), (c), and (d) are met	
		(a) an emission unit which meets any of the following criteria:	
		(i) emits only noncarcinogenic VOCs or noncarcinogenic materials listed in R 336.1122(f) as not contributing to formation of ozone, if uncontrolled emissions $\leq$ 1,000 lb/mo or controlled emissions $\leq$ 500 lb/mo	Part 6 and 7 Rules; 40 CFR Part 60 (NSPS) and Part 63 (MACT) Standards
		(ii) the total uncontrolled emissions $\leq$ 1,000 lb/mo or controlled emissions $\leq$ 500 lb/mo, and all of the following criteria are met:	Part 6 and 7 Rules; 40 CFR Part 60 (NSPS) and Part 63 (MACT) Standards
		(A) for noncarcinogenic air contaminants, excluding noncarcinogenic VOCs and noncarcinogenic materials listed in R 336.1122(f) as not contributing to formation of ozone, with ITSLs $\geq$ 2.0 ug/m <sup>3</sup> , uncontrolled emissions $\leq$ 1,000 lb/mo or controlled emissions $\leq$ 500 lb/mo	
		(B) for noncarcinogenic air contaminants, excluding noncarcinogenic VOCs and noncarcinogenic materials listed in R 336.1122(f) as not contributing to formation of ozone, with ITSLs $\geq$ 0.04 ug/m <sup>3</sup> and < 2.0 ug/m <sup>3</sup> uncontrolled emissions $\leq$ 20 lb/mo or controlled emissions $\leq$ 10 lb/mo	
		(C) for carcinogenic air contaminants with IRSLs $\geq$ 0.04 ug/m <sup>3</sup> uncontrolled emissions $\leq$ 20 lb/mo or controlled emissions $\leq$ 10 lb/mo	
		(D) the emission unit shall not emit any air contaminants, excluding noncarcinogenic VOCs and noncarcinogenic materials listed in R 336.1122(f) as not contributing to formation of ozone, with an ITSL or IRSL < 0.04 ug/m <sup>3</sup>	
		(iii) emits only noncarcinogenic particulates and other air contaminants that are exempted under paragraphs (i) or (ii) of this subdivision if all of the following provisions are met:	Rule 331, Table 31, J; 40 CFR Part 60 (NSPS) and Part 63 (MACT) Standards

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.

Rule 212 Subrule	Reference Rule	Description	Applicable Requirements*
		(A) emissions are controlled by fabric filter collector or equivalent control system designed to control to a concentration of < 0.01 lb particulate per 1,000 lb exhaust gases and exhaust gas flow rate $\leq$ 30,000 acfm	
		(B) the visible emissions $\leq$ 5% opacity	
		(C) the ITSL for each particulate air contaminant, excluding nuisance particulate, is > 2.0 ug/m <sup>3</sup>	

\* Does not include Generally Applicable Requirements, i.e. Rules 201, 210, 301, 370, 901, 910 & 1001.  
03-02-2011