

## **RULE SYNOPSIS**

### **Draft rule language for Ohio Administrative Code (OAC) Chapter 3745-21 Carbon Monoxide, Photochemically Reactive Materials, Hydrocarbons, and related Materials Standards – 5 Year Review**

The Ohio EPA Division of Air Pollution Control (DAPC) has completed draft rule language for implementation of the enhanced motor vehicle inspection and maintenance program.

#### Changes made as a result of proposal period review

On July 13, 2015, Ohio EPA proposed this rule package to the Joint Committee on Agency Rule Review (JCARR). Ohio EPA held a 30-day comment period ending on August 18, 2015 and also held a public hearing on August 18, 2015. Ohio EPA received an additional comment on OAC rule 3745-21-07 and made additional changes that are included in this synopsis.

1. OAC rule 3745-21-07 (Control of emissions of organic materials from stationary sources (i.e., emissions that are not regulated by rule 3745-21-09, 3745-21-12 to 3745-21-16 or 3745-21-18 to 3745-21-29 of the Administrative Code))

Ohio EPA has decided not to make the revision to paragraph (M)(5)(g) and has removed the proposed language.

The remaining rules discussed in this synopsis were final filed with JCARR on October 5, 2015 and became effective on October 15, 2015.

#### Changes Made in Response to Comments on Draft Rule Language

Ohio EPA made these rules available to the public for a 33-day draft rule comment period ending December 2, 2014. Several comments were received by DAPC from interested parties. The Response to Comments document includes details of these comments and Ohio EPA's responses. Specific changes made included the following:

1. OAC rule 3745-21-07 (Control of emissions of organic materials from stationary sources (i.e., emissions that are not regulated by rule 3745-21-09, 3745-21-12 to 3745-21-16 or 3745-21-18 to 3745-21-29 of the Administrative Code))

Ohio EPA has added Day-Glo Color Corp. (1318006552) emissions units P001, P002, P008, P009, P024, P026, P027, and P030 to the (M)(1) Emissions Units table in paragraph (M)(1). The facility submitted a notification dated January 22, 2015 to Ohio EPA indicating that these emissions units should be added to the table per paragraph (M)(3)(b).

Ohio EPA has added Polymers Additives, Inc. (1318030264) emissions units P027 and

P034 to the (M)(1) Emissions Units table in paragraph (M)(1). The facility submitted a notification dated January 8, 2015 to Ohio EPA indicating that these emissions units should be added to the table per paragraph (M)(3)(b).

Ohio EPA has removed Kerry Flavor Systems US, LLC (was Alex Fries and Bros., Inc.) (1431423764) from the (M)(1) Emissions Units table in paragraph (M)(1). The facility was permanently shut down on November 1, 2013.

Ohio EPA has removed emissions unit P098 of PPG Industries, South Plant (1677020162) from the Emissions Units table in paragraph (M)(1). This emissions unit is exempt from the requirements of paragraphs (M)(3)(a), (M)(2) and (M)(1) per paragraph (M)(3)(c)(iv), which exempts an emissions unit that is subject to and complying with a federal regulation that specifies an overall control efficiency for organic compound or VOC emissions that is greater than eighty-five per cent, by weight. This emissions unit is subject to 40 CFR Part 63, Subpart FFFF, which requires total organic HAP emissions to be reduced by at least 98% by weight or to an outlet concentration of 20 ppmv or less.

Ohio EPA has revised paragraph (M)(5)(e) to allow older facilities that do not have best available technology (BAT) under OAC rule 3745-31-05 to obtain an exemption under paragraph (M)(5)(e). This revision will allow the facility to take a voluntary limit, such as OAC rule 3745-31-05(F), that is equivalent to BAT under OAC rule 3745-31-05. As the rule was originally drafted, an older emissions unit that was installed prior to 1976 and was never modified cannot get a BAT limit via OAC rule 3745-31-05(A) because there is no modification that triggers BAT applicability.

2. OAC rule 3745-21-23 (Control of volatile organic compound emissions from industrial solvent cleaning operations)

Ohio EPA has revised paragraph (C)(6)(b) to allow resin manufacturing to comply with the alternate compliance option. This revision is consistent with similar regulations in neighboring states.

3. OAC rule 3745-21-24 (Flat wood paneling coatings)

Ohio EPA has rescinded and reissued this rule as a new rule. Per legislative service commission regulations, when amending approximately more than fifty per cent of a rule, the agency should rescind the existing rule and enact a new rule bearing the same rule number.

4. OAC rule 3745-21-26 (Surface coating of miscellaneous metal and plastic parts)

Ohio EPA is adding “powder coatings” to the exemption in paragraph (A)(3)(a)(iii). This is consistent with the US EPA Control Technique Guideline for Miscellaneous Metal and Plastic Parts Coatings, which is the basis for this regulation.

### Original Draft Rule Changes:

The original draft changes are discussed below. The draft changes are still valid unless superseded by a change in the above section:

1. Minor Style and Typo Changes: Ohio EPA is making various minor changes to correct typos and update the rule language in this chapter to meet legislative service commission (LSC) style and formatting guidelines. These changes are being made throughout the chapter, are minor in nature, and do not affect the scope or intent of the rules.
2. Test Method, Publications, Referenced Materials: Ohio EPA is making various minor changes to update test method, publication and referenced material titles, effective dates, addresses and web sites. These changes are being made throughout the chapter, are minor in nature, and do not affect the scope or intent of the rules.
3. Removal of Permanently Shutdown Facilities and Updating Existing Facility Data in Rules (OAC rules 3745-21-01 through 3745-21-29)

Over the years since this Chapter was established, sources and/or facilities have closed, changed their permitting requirements, or are otherwise no longer in business. During this 5 year review Ohio EPA will be removing facilities from the rules that are permanently shut down. In addition, Ohio EPA is also updating any name or address changes along with adding or updating facility identification numbers.

The updating and removal of these sources is being performed to ease confusion over facilities that no longer exist and to make these rules more reader friendly. A table listing facilities and/or emission units that are being removed from this chapter is attached at the end of this synopsis. A separate table lists facilities with name and/or address changes.

4. OAC rule 3745-21-01 (Definitions)

Ohio EPA is adding the following definition:  
21-01(B)(12) "Ohio EPA"

Ohio EPA is also removing the following referenced material because it is not used in Chapter 21:  
21-01(JJ)(2)(ggg) APHA method 2540D

Ohio EPA is rearranging several of the paragraphs in the Referenced Materials section, without changing them, to ensure this section is appropriately alphabetized.

5. OAC rule 3745-21-04 (Compliance time schedules)

Ohio EPA is revising paragraphs (B)(7) and (C)(28)(e) by replacing “two months after the effective date of this rule” with “August 15, 1999” and by replacing “the effective date of this rule” with “June 15, 1999”, respectively. The addition of paragraphs (B)(7) and (C)(28)(e) to OAC rule 3745-21-04 was final on June 15, 1999. August 15, 1999 is two months after this final, effective date. The replacement of this language with the actual date was missed in prior rule revisions.

6. OAC rule 3745-21-07 (Control of emissions of organic materials from stationary sources (i.e., emissions that are not regulated by rule 3745-21-09, 3745-21-12 to 3745-21-16 or 3745-21-18 to 3745-21-29 of the Administrative Code))

Ohio EPA is updating the title to this regulation by adding 3745-21-19 to 3745-21-29 to the list of emissions that are not regulated by this rule. A similar change is made to paragraphs (A)(3), (M)(3)(a)(v) and (M)(5)(f). OAC rule 3745-21-07 is intended to apply to any sources not regulated by other rules within Chapter 21. OAC rule 3745-21-26 is a new rule. The remaining additional rules were missed in prior rule revisions.

Ohio EPA is adding paragraph (N)(3) to the list of emission limitations and control requirements in paragraph (A)(4). The list should include all paragraphs that contain an emission limitation or control requirement; paragraph (N)(3) was inadvertently left out.

Ohio EPA is removing Iten Industries, Inc., Plant 1 (0204010112) from the (M)(1) Emissions Unit table. Emissions unit P003 (Phenolic Resin Mixing) is a mixing operation and should be removed due to the Ohio Supreme Court case of Ashland Chem. Co. v. Jones, 92 Ohio St.3d 234, 2001-Ohio-184., which concluded that OAC rule 3745-21-07(G) shall not apply to an operation that is purely a transfer or mixing process with no chemical manufacturing or chemical reaction occurring.

Ohio EPA is removing Pinney Dock and Transport Co. (0204010172) from the (M)(1) Emissions Unit table. Emissions unit P001 is an air stripper for treating contaminated ground water. The air stripper is the actual process and is not considered emissions control. There is no add-on emissions control after the air stripper.

Ohio EPA is removing Heritage Thermal Services (was Waste Technologies Industries, Inc.) (0215020233) from the (M)(1) Emissions Units table. All of these emissions units are tanks whose contents are transferred to final processing. These units should be removed due to the Ohio Supreme Court case of Ashland Chem. Co. v. Jones, 92 Ohio St.3d 234, 2001-Ohio-184., which concluded that OAC rule 3745-21-07(G) shall not apply to an operation that is purely a transfer or mixing process with no chemical manufacturing or chemical reaction occurring.

Ohio EPA is removing United Initiators, Inc. (was Degussa Initiators, LLC), (0247040079), emissions units P001, P006, and P010 from the (M)(1) Emissions Units

table. While they are reactors with emissions control, they were exempt from OAC rule 3745-21-07(G) because they do not use photochemically reactive materials.

Ohio EPA is renaming emissions units P001, P002 and P004 to P801, P802 and P804, respectively, for Guardian Manufacturing (0339030016). The emissions units were modified and renamed.

Ohio EPA is removing Union Tank Car Company (0351010025), emissions unit P002 (Ammonia, HC, and VCM Tank Car flare) from the (M)(1) Emissions Units table because it does not employ a liquid organic material, which is a criteria for rule applicability. Emissions unit P002 is a flare used to eliminate the gaseous remnants from the RCRA empty cars the facility services. The flare is designed to handle gaseous hydrocarbons, ammonia gas and VCMs.

Ohio EPA is removing Tembec BTL SR, Inc. (0448010370) from the (M)(1) Emissions Units table. Emissions units P001 through P003 are controlled for particulate matter, not organic compounds and were listed in error.

Ohio EPA is removing Thermoseal, Inc. (0575010161), emissions units P008 and P009 from the (M)(1) Emissions Unit table. Emissions units P008 (Mixer #3) and P009 (Mixer #4) are mixing operations and should be removed due to the Ohio Supreme Court case of Ashland Chem. Co. v. Jones, 92 Ohio St.3d 234, 2001-Ohio-184., which concluded that OAC rule 3745-21-07(G) shall not apply to an operation that is purely a transfer or mixing process with no chemical manufacturing or chemical reaction occurring.

Ohio EPA is removing BASF (0819070134), emission unit P011 from the (M)(1) Emissions Units table. P011 is now part of P028, which is also the (M)(1) Emissions Units table.

Ohio EPA is removing Troy Laminating (0855140077) from the (M)(1) Emissions Units table. Emissions units P009, P010 and P014 should be removed due to the Ohio Supreme Court case of Ashland Chem. Co. v. Jones, 92 Ohio St.3d 234, 2001-Ohio-184., which concluded that OAC rule 3745-21-07(G) shall not apply to an operation that is purely a transfer or mixing process with no chemical manufacturing or chemical reaction occurring.

Ohio EPA is adding the term "in methylene chloride service only" to both emissions units for Dupont Electronic Polymers, LP (0857040727) in the (M)(1) Emissions Units table. The control is only required when P025 and/or P027 are operating in methylene chloride service only.

Ohio EPA is adding emissions unit R003 for Neaton Auto Products Manufacturing, Inc. (0868030155). This emissions unit was installed in September 2007 and inadvertently left out of the prior revision of this rule.

Ohio EPA is adding emissions units P010 and P036 for Ineos ABS (USA) Corporation (1431010054) to the (M)(1) Emissions Units table. These continuous polymer drying operation emissions units were inadvertently left out of the prior revision to this rule. Also, Ohio EPA is removing emissions unit P021 from the (M)(1) Emissions Unit table for this facility. This batch polymerization operation emissions unit was mistakenly included in the prior revision to this rule. The potential organic compound emissions for emissions unit P021 are less than 8 lbs/hr and 40 lbs/day (1.1 lbs/hr and 26.4 lbs/day), therefore, emissions control is not required.

Ohio EPA is removing St. Bernard Soap Company (1431394137) from the (M)(1) Emissions Units table. Emissions unit P001 is a vacuum dryer and emissions units P104 to P107 are chill rolls, all of which accomplish the same task drying hot liquid soap into a solid form on the vacuum dryer drum or chilled roll. The subsequent solid soap is scraped off the drum or roll and further processed into bar soap. These emissions units never employed any photochemically reactive materials and are thus exempt from OAC rule 3745-21-07(G) because they do not use photochemically reactive materials.

Ohio EPA is revising the PPG Industries, Barberton Plant (1677020009) listings in the (M)(1) Emissions Units table and in paragraph (M)(3)(d)(ix). This facility has been split into separate facilities; PPG Industries, South Plant (1677020162) and PPG Industries, Teslin Plant (1677020164) for the listings in the (M)(1) Emissions Units table and PPG Industries, North Plant (1677020163) in paragraph (M)(3)(d)(ix). For the (M)(1) Emissions Unit table, existing emissions units P098 and P099 are listed with the South Plant and emissions units P010, P114 and new listing P115 are included with the Teslin Plant, which is now a new row in the (M)(1) Emissions Unit table. Emissions unit P115 was installed in November 2007 and inadvertently left out of the prior revision of this rule.

Ohio EPA is revising the emissions units and permits for Cooper Standard Automotive, LLC (0387020045) referenced in paragraph (M)(3)(e). First, flock line 1 has been shut down. In addition, the emissions unit ID numbers for flock lines 2, 3 and 4 have been revised. The permit number was also updated to match the revised emissions unit ID numbers.

Ohio EPA is removing paragraph (M)(3)(h). This paragraph applied to emissions unit P027 for Venture Holdings Corporation - Conneaut Facility (currently known as Continental Structural Plastics, facility ID 0204020245). This emissions unit is exempt from this rule per OAC rule 3745-21-25(A)(3), which states that "upon achieving compliance with this rule, the reinforced plastic composites production operations at the facility are not required to meet the requirements of rule 3745-21-07 of the Administrative Code."

Ohio EPA is adding paragraphs (M)(1), (M)(2) and (M)(3)(a) to the exemption in paragraph (M)(5)(d). These additional paragraphs were included in the previous

exemption contained in OAC rules 3745-21-07(G)(9)(c) and (d). Recordkeeping provisions for this exemption were also added in new paragraph (M)(5)(j) to allow subject emissions units to switch between exempt and non-exempt liquid organic materials with respect to paragraph (M)(5)(d).

Ohio EPA is replacing the term “sources” with “existing sources” in paragraph (M)(5)(g). Paragraphs (M)(3)(a), (M)(3)(b), (M)(3)(g) and (M)(4) apply to existing sources within one of the 28 Priority I counties and to new sources everywhere per paragraph (M)(3)(i), except for “sources” with potential emissions less than 100 tons per year in one of the 7 former urban counties listed in paragraph (M)(5)(g) that otherwise would be included as Priority I counties. This was Ohio EPA’s original intent when this rule was initially drafted and has been interpreted as such since. This change provides needed clarity to eliminate potential mis-interpretations.

Ohio EPA is adding paragraph (M)(5)(i), which exempts some phenolic urethane cold box resin binder systems in foundry core-making and mold-making operations. This exemption is identical to the previous exemption contained in OAC rule 3745-21-07(G)(9)(h) and was erroneously omitted during the last revision.

7. OAC rule 3745-21-09 (Control of emissions of volatile organic compounds from stationary sources and perchloroethylene from dry cleaning facilities)

Ohio EPA is removing rule 3745-21-24 from paragraph (B)(3)(a). Instead of referencing paragraph (B)(3)(a) for these requirements in rule 3745-21-24, Ohio EPA is adding the requirements of paragraph (B)(3) to paragraph (F) of rule 3745-21-24. Record keeping and reporting requirements are an important part of the rule and should be included in the rule as opposed to referencing a different rule.

Ohio EPA is replacing the qualifier “excluding water and exempt solvents” with “including water and exempt solvents” in paragraphs (B)(3)(b)(ii) and (B)(3)(b)(iii). These recordkeeping requirements are for coating lines and printing lines that are exempt from paragraphs (I) and (U) because the VOC emissions are less than 15 pounds per day. The “excluding water and exempt solvents” qualifier is not necessary and typically not used for the calculation of the mass VOC emission rate for these exempt sources. The qualifier was replaced with “including water and exempt solvents” to avoid confusion.

Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (B)(3)(j)(vii), (B)(3)(l)(iii), (B)(4)(b)(iii), and (C)(8)(g). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet temperature and the temperature difference across the catalyst bed. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan. This new option is similar to many existing USEPA

MACT standards, such as Subparts JJJJ, OOOO, SSSS, and PPPPP, and existing OAC rules 3745-21-15, 3745-21-22 and 3745-21-24.

Ohio EPA is revising the first row of the VOC content limitations table in OAC rule 3745-21-09(F)(2)(a)(ii). The first coating type is being revised from “pressure surface coatings (not including pressure sensitive tape and labels)” to “paper, film and foil surface coatings (not including pressure sensitive tape and labels)”. The revised language is consistent with the Control Techniques Guidelines (CTG) for Paper, Film and Foil Coatings, which is the basis of the emissions limits.

Ohio EPA is correcting a reference in paragraph (S). The “(b)” is being removed from the reference “(C)(20)(b)”; the correct reference is “(C)(20)”.

Ohio EPA is correcting the references to 40 CFR Part 60 in paragraph (T)(4). First, Subpart GG is corrected to Subpart GGG. In addition, Subparts VVa, GGGa and QQQ were also added. All of these subparts include monitoring, record keeping and reporting requirements for leaks at petroleum refinery.

8. OAC rule 3745-21-10 (Compliance Test Methods and Procedures)

Ohio EPA is revising paragraph (P)(2) to re-insert the equation and the full definition of term “k”. At some time in the past, the equation and part of the definition of term “k” was erroneously removed from the rule.

Ohio EPA is adding reference to appendix C in paragraph (R)(3). Previously, there was no reference to this appendix in OAC rule 3745-21-10.

Ohio EPA is adding an inspection and maintenance plan for catalytic incinerators as paragraph (S). This inspection and maintenance plan is included as an alternative monitoring option for catalytic incinerators. It is referenced by paragraphs (B)(3)(j)(vii), (B)(3)(l)(iii), (B)(4)(b)(iii), and (C)(8)(g) of OAC rule 3745-21-09.

9. OAC rule 3745-21-12 (Control of Volatile Organic Compound Emissions from Commercial Bakery Oven Facilities)

Ohio EPA is removing the reference to federally enforceable state operating permit and rule 3745-35-07 from paragraph (C)(4). State operating permits and Chapter 35 have been replaced with federally enforceable permits-to-install and operate and Chapter 31.

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (G)(1)(b), (G)(5), and (H)(5)(c). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet temperature and the temperature difference across the catalyst bed. The new option requires

monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

10. OAC rule 3745-21-13 (Control of volatile organic compound emissions from reactors and distillation units employed in SOCMI chemical production)

Ohio EPA is revising paragraphs (F)(1)(f)(iv) and (F)(1)(g)(i)(b) by replacing “the effective date of this rule” with “May 27, 2005 for facilities located in Butler, Clermont, Hamilton, or Warren county or August 25, 2008 for facilities located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county”. The revisions related to the May 27, 2005 data and counties were missed in prior rule revisions.

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (H)(2)(b), (H)(9), (J)(3)(b)(ii) and (J)(3)(b)(iii). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet and outlet temperature and the temperature difference across the catalyst bed. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is removing the reference to permit-to-operate and paragraph (B) of rule 3745-35-02 from paragraph (L)(5)(e). Permits-to-operate and rule 3745-35-02 of the Administrative Code have been replaced with permits-to-install and operate and rule 3745-31-02 of the Administrative Code.

11. OAC rule 3745-21-14 (Control of volatile organic compound emissions from process vents in batch operations)

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (G)(1)(a), (G)(8), and (H)(3)(a). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet and outlet temperature and the temperature difference across the catalyst bed. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is removing the reference to operating permits from paragraph (K)(5)(e)(i). Operating permits have been replaced with permits-to-install and operate. Clarification has also been added to the comment on paragraph (K)(5)(e)(i).

12. OAC rule 3745-21-15 (Control of volatile organic compound emissions from wood furniture manufacturing operations)

Similar to OAC rule 3745-21-09, Ohio EPA is revising paragraph (H)(1)(b) and (K)(5)(b) to clarify that there are two monitoring and record keeping options for owners or

operators using catalytic oxidizers to comply with the rule. Existing paragraph (J)(2) provides the same options for compliance testing. The two options are to monitor and record either: the catalytic oxidizer inlet temperature, outlet temperature and temperature difference; or the catalytic oxidizer inlet temperature and maintain a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is revising paragraph (M)(1)(c) by replacing “the effective date of this rule” with “May 27, 2005 for facilities located in Butler, Clermont, Hamilton, or Warren county or August 25, 2008 for facilities located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county”. The revisions related to the May 27, 2005 data and counties were missed in prior rule revisions.

Ohio EPA is removing the reference to a permit-to-operate from paragraph (N)(5)(e)(i). A permit-to-operate has been replaced with a permit-to-install and operate.

13. OAC rule 3745-21-16 (Control of volatile organic compound emissions from industrial wastewater)

Ohio EPA is revising paragraph (E)(1)(a) by replacing “the effective date of this rule” with “May 27, 2005 for facilities located in Butler, Clermont, Hamilton, or Warren county or August 25, 2008 for facilities located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county”. In addition, Ohio EPA is revising paragraphs (K)(1)(b) and (L)(2) to replace the effective date with May 27, 2005. The revisions related to the May 27, 2005 data and counties were missed in prior rule revisions.

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (F)(5)(b), (F)(7) and (H)(2). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet and outlet temperature. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is correcting the paragraph references in paragraphs (D)(4)(b)(iv), (F)(3)(c), (G)(5), and (G)(9).

Ohio EPA is removing the reference to operating permits from paragraph (L)(5)(e)(i). Operating permits have been replaced with permits-to-install and operate. Clarification has also been added to the comment on paragraph (L)(5)(e)(i).

14. OAC rule 3745-21-17 (Portable fuel containers)

Ohio EPA is removing the specific reference and comment associated with the CARB certification requirements in paragraph (A)(1) and 29 CFR Part 1926, Subpart F; "Fire Protection and Prevention" in paragraph (C)(2). The specific reference citations

included in the comments have been moved to paragraph (JJ) of OAC rule 3745-21-01. This is consistent with all other rules in this chapter.

15. OAC rule 3745-21-19 (Control of volatile organic compound emissions from aerospace manufacturing and rework facilities)

Ohio EPA is removing the reference to permit-to-operate and paragraph (B) of rule 3745-35-02 from paragraph (L)(1)(e). Permits-to-operate and rule 3745-35-02 of the Administrative Code have been replaced with permits-to-install and operate and rule 3745-31-02 of the Administrative Code.

16. OAC rule 3745-21-20 (Control of volatile organic emissions from shipbuilding and ship repair operations (marine coatings))

Ohio EPA is correcting the paragraph references in paragraphs (H)(4)(d), (J)(4)(c) and (K)(3)(e)(iii).

Ohio EPA is removing the reference to permit-to-operate and paragraph (B) of rule 3745-35-02 from paragraph (L)(1)(e). Permits-to-operate and rule 3745-35-02 of the Administrative Code have been replaced with permits-to-install and operate and rule 3745-31-02 of the Administrative Code.

17. OAC rule 3745-21-21 (Storage of volatile organic liquids in fixed roof tanks and external floating roof tanks)

Ohio EPA is removing the reference to operating permits and permit-to-operate from paragraph (I)(1)(e)(i). Operating permits and permits-to-operate have been replaced with permits-to-install and operate.

18. OAC rule 3745-21-22 (Control of volatile organic compound emissions from offset lithographic printing and letterpress printing facilities)

Ohio EPA is revising “heatset web offset lithographic or letterpress printing press” to “heatset web offset lithographic or heatset web letterpress printing press” in paragraphs (D)(1), (F)(1) and (K)(2) to be more clear on the type of printing operation, which is consistent with the press dryer reference in paragraph (K)(2).

Ohio EPA is removing the reference to operating permits from paragraph (J)(1)(e)(i). Operating permits have been replaced with permits-to-install and operate.

Ohio EPA is correcting the paragraph references in paragraph (J)(3)(b).

19. OAC rule 3745-21-23 (Control of volatile organic compound emissions from industrial solvent cleaning operations)

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (G)(2)(b)(iii) and (G)(8). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet and the temperature difference across the catalyst bed. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is removing the reference to operating permits from paragraph (I)(1)(e)(i). Operating permits have been replaced with permits-to-install and operate.

Ohio EPA is revising the VOC content recordkeeping requirement in paragraphs (J)(1)(a)(ii) and (J)(1)(b)(ii). Specifically, the requirement to maintain records on the VOC content in per cent by weight and pounds per gallon is being revised to per cent by weight or pounds per gallon. It is not necessary to maintain records in both units of measurement. Compliance can be determined with either record.

#### 20. OAC rule 3745-21-24 (Flat wood paneling coatings)

Ohio EPA is revising the record keeping and reporting requirements in paragraph (F). Instead of referencing paragraph (B)(3) of rule 3745-21-09 for these requirements, Ohio EPA is adding the requirements of 3745-21-09(B)(3) to this paragraph (F). Record keeping and reporting requirements are an important part of the rule and should be included in the rule as opposed to referencing a different rule.

Ohio EPA is revising the compliance test methods for coatings requirements in paragraph (G). Instead of referencing paragraph (B) of rule 3745-21-10 for these requirements, Ohio EPA is adding the requirements of 3745-21-10(B) to this paragraph (G).

Ohio EPA is revising the catalytic oxidizer operating limit requirements of paragraph (H)(2)(b)(iv) to be consistent with the catalytic oxidizer revised requirements included throughout Chapter 21.

Ohio EPA is correcting the paragraph reference in paragraph (H)(2)(b)(iv)(c).

Ohio EPA is removing the reference to operating permits from paragraph (J)(3)(e)(i). Operating permits have been replaced with permits-to-install and operate.

#### 21. OAC rule 3745-21-25 (Control of VOC emissions from reinforced plastic composites production operations)

Ohio EPA is removing the reference to operating permits from paragraph (S)(1)(e)(i). Operating permits have been replaced with permits-to-install and operate.

## 22. OAC rule 3745-21-26 (Surface coating of miscellaneous metal and plastic parts)

This is a new rule that will regulate the VOC content of various coatings that are applied to the surfaces of a varied range of metal and plastic parts and products. The rule incorporates three options for controlling the VOC emissions for facilities involved with these types of surface coating activities. These include the use of low-VOC content limit coatings only, a combination of the use of add-on controls and low-VOC content limit coatings, and the use of add-on controls only but achieving an overall VOC control efficiency of 90 percent. The rule also specifies application methods and work practices that should be incorporated with these coatings.

The Reasonably Available Control Technology (RACT) requirements specified in this rule are based upon US EPA's revised CTG document entitled "Control Techniques Guidelines for Miscellaneous Metal and Plastic Parts Coatings" dated September 2008. This revised CTG is a strengthening of previous CTGs covering these categories that were also adopted by Ohio during previous rulemakings. Prior to this rule's adoption the surface coating of miscellaneous metal parts in the Cleveland-Akron area was regulated under OAC rule 3745-21-09(U) and the surface coating of automotive/transportation plastic parts and business machine plastic parts was regulated under OAC rule 3745-21-09(HH).

This rule will apply to such sources located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, and Summit Counties. The requirements of paragraph (U) and (HH) of OAC rule 3745-21-09 will no longer apply to these sources after the compliance date for facilities subject to the requirements of OAC rule 3745-21-26.

Ohio EPA drafted this rule, among others, for interested party review on December 9, 2009. U.S. EPA submitted several comments to DAPC regarding this rule. Ohio EPA removed this rule from that rule package to take needed additional time to review comments and perform a needed analysis to develop this rule. This draft rule for interested party review addresses all of these comments and includes all necessary analyses.

One of the comments regarded there being no basis for exempting an individual coating line, from the coating limits in paragraph (C), that uses equal to or less than three gallons per day as codified in paragraph (A)(3)(f)(i). For the existing CTG that Ohio adopted as RACT for the Cleveland-Akron-Lorain ozone nonattainment area, Ohio EPA performed an equivalency analysis to incorporate an option that would exempt metal coating lines from the VOC content limitations, provided the lines each use less than 3 gallons/day [OAC 3745-21-09(U)(2)(e)(ii)]. In order to adopt this option in our rules, Ohio EPA had to prove that the increase in emissions from this option would be no more than 5% compared to adopting the CTG exactly as USEPA had issued it. Because Ohio EPA is required to adopt the newer 2008 CTG in the same nonattainment area, Ohio EPA was again required to update the 5% RACT equivalency analysis to incorporate the three gallons per day exemption in this RACT rule. Ohio

EPA completed the 5% RACT equivalency analysis and determined that the increase in emissions due to including the three gallons per day exemption was 4%. This analysis is included with this rule package.

Another comment regarded the VOC content limitations in paragraph (C)(1) for high performance architectural coatings (in Tables 1 and 6). These limitations can only be relaxed to exceed 3.5 lbs VOC/gallon (and 6.7 lbs VOC/gallon of solids) if this relaxation is supported by a Clean Air Act (CAA) Section 110(l) demonstration. Section 110(l) states that a state implementation plan (SIP) revision cannot be approved if the revision interferes with any applicable requirement concerning attainment and reasonable further progress. Ohio EPA completed a demonstration that indicates that Section 110(l) will not be violated with the VOC content limitation change for high performance architectural coatings. This analysis is included with this rule package.

In addition, during the months of March and April 2010, the American Paint Association began discussions with US EPA Region 5 concerning a petition for reconsideration they had originally submitted in September 2005, regarding issues with pleasure craft coatings standards in the revised CTG and incorporated in Table 4 in Ohio's draft rule. On June 1, 2010, USEPA's OAQPS Director, Mr. Stephen Page, provided the Air Branch Chiefs with a memorandum entitled "Control Technique Guidelines for Miscellaneous Metal and Plastic Parts Coatings – Industry Request for Reconsideration." This memorandum made the recommendation that the pleasure craft industry work together with state agencies during their RACT rule development to assess what is reasonable for sources within their states. The memorandum included a summary of the pleasure craft industries requested CTG revisions. The VOC content limitations and extreme high gloss coating definition revisions are included in the summary.

Though no formal comments were submitted during the draft rule comment period, Ohio EPA, in concert with US EPA, has revised Table 4 of this rule as recommended in the petition, as follows:

- a. Revise the VOC content limit for "Extreme High Gloss Topcoat" from 4.1 lbs/gallon to 5.0 lbs/gallon.
- b. Add an additional specialty category of "Antifouling Sealer/Tie Coat" with a VOC limit of 3.5 lbs/gallon.
- c. Revise the VOC content limit for "Other Substrate Antifoulant" from 2.8 lbs/gallon to 3.3 lbs/gallon.

Since Ohio EPA opted to incorporate higher VOC emissions limits for pleasure crafts coating, Ohio EPA prepared a demonstration that indicates that Section 110(l) will not be violated with the VOC content limitation changes for pleasure craft coatings. This analysis is included with this rule package.

### 23. OAC rule 3745-21-27 (Boat manufacturing)

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (I)(2)(b)(iii) and (I)(4). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet and the temperature difference across the catalyst bed. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is revising the reference to operating permit. Currently, paragraph (L)(1)(e) references operating permits for Chapter 3745-77 (Title V sources) and Chapter 3745-31(non-Title V sources). Ohio EPA is revising this reference to indicate permits-to-install and operate for Chapter 3745-31(non-Title V sources). Operating permits have been replaced with permits-to-install and operate for non-Title V sources.

### 24. OAC rule 3745-21-28 (Miscellaneous industrial adhesives and sealants)

Ohio EPA is revising table 1 to indicate that the VOC content limitation excludes water and exempt solvents. Table 1 of “The Control Techniques Guidelines (CTG) for Miscellaneous Industrial Adhesives” includes the recommended VOC emission limits that were used in this rule. The CTG indicates that the VOC emissions limits exclude water and exempt solvents.

Ohio EPA is revising table 1 of paragraph (C)(1) by changing the category “tire retread” to “tire repair”. The category “tire repair” is consistent with the CTG.

Similar to OAC rule 3745-21-09, Ohio EPA is adding an alternative monitoring and recordkeeping option for catalytic incinerators to paragraphs (C)(2)(c), (C)(2)(f) and (D)(2)(d). Existing catalytic incinerator monitoring and/or recordkeeping in these paragraphs requires monitoring of and/or records of the catalyst bed inlet and outlet temperature. The new option requires monitoring of and/or records of the catalyst bed inlet temperature (no change) and a catalytic oxidizer inspection and maintenance plan.

Ohio EPA is revising the reference to operating permit. Currently, paragraph (G)(1)(e) references operating permits for Chapter 3745-77 (Title V sources) and Chapter 3745-31(non-Title V sources). Ohio EPA is revising this reference to indicate permits-to-install and operate for Chapter 3745-31(non-Title V sources). Operating permits have been replaced with permits-to-install and operate for non-Title V sources.

Ohio EPA is revising the VOC content recordkeeping requirement in paragraphs (H)(1)(a)(ii) and (H)(1)(b)(ii). Specifically, the requirement to maintain records on the VOC content in per cent by weight and pounds per gallon is being revised to per cent

by weight or pounds per gallon. It is not necessary to maintain records in both units of measurement. Compliance can be determined with either record.

25. OAC rule 3745-21-29 (Control of volatile organic compound emissions from automobile and light-duty truck assembly coating operations, heavier vehicle assembly coating operations, and cleaning operations associated with these coating operations)

Ohio EPA is moving paragraph (G)(5) to paragraph (G)(4). This was the original intent with the paragraphs.

Ohio EPA is correcting the paragraph references in paragraphs (H)(2) and (H)(3).

Ohio EPA is revising the reference to operating permit. Currently, paragraph (I)(1)(e) references operating permits for Chapter 3745-77 (Title V sources) and Chapter 3745-31(non-Title V sources). Ohio EPA is revising this reference to indicate permits-to-install and operate for Chapter 3745-31(non-Title V sources). Operating permits have been replaced with permits-to-install and operate for non-Title V sources.

Ohio EPA is revising the recordkeeping requirement in paragraphs (J)(1)(a)(i), (J)(1)(a)(ii) and (J)(1)(b)(ii). For (J)(1)(a)(i), the option to record total pounds of coating, in addition to gallons, has been added. Also, "pounds per gallon" is added as an option to VOC content records. This revision provides for consistent units of measurement needed to perform the VOC emission calculation. This revision also results in similar language to rules with similar exemptions, such as OAC rule 3745-21-28.

## Permanently Shut Down Emission Units and Facilities in Chapter 3745-21

Rule #	Paragraph	Premise #	Facility Name	Emission Units	Shutdown Date
3745-21-04	(C)(23)	1431370848	General Motors Corporation	Facility	4/1/1988
3745-21-04	(C)(24)	0247080234	Ford Motor Company	Facility	12/31/2006
3745-21-04	(C)(26)	0448010413	American Motors Jeep Corporation	Facility	7/1/2006
3745-21-04 3745-21-09	(C)(41) (GG)	1431080082	Chevron U.S.A., Inc.	Facility (demolished)	1/1/1986
3745-21-04 3745-21-09	(C)(43) (II)	1431420687	International Paper Company	Facility	12/31/2001
3745-21-04 3745-21-09	(C)(54) (TT)	0243120034	ICI Americas Incorporated	Facility (demolished)	12/31/2004
3745-21-04 3745-21-09	(C)(58) (H), (XX)	0125040081	Columbus Coated Fabrics	Facility (demolished)	5/15/2002
3745-21-07	(K)(1) (M)(1)	0322000043	Akzo Nobel Coatings, Inc. (was The Glidden Company)	T066 P007, P008	6/26/2012
3745-21-07	(K)(3)	0145020224	Newark Air Force Base/AGMC	T012, T013	1/1/2005
3745-21-07	(K)(3)	0243150025	The Lubrizol Corporation, Wickliffe Facility	T224, T225	9/1/1993
3745-21-07	(K)(3) (M)(1)	0857751346	Veolia Environmental Services, LLC	P006, P007- P009, T001, T005-T007, T017-T026, T040-T042, T044-T049, T051-T065, T068	5/31/2009
3745-21-07	(K)(3)	1318000864	Clorox Co.	Facility	6/30/2008
3745-21-07	(K)(3)	1318030172	Hukill Chemical Corporation	T062	6/6/1985
3745-21-07	(K)(3)	1318554294	Strongsville Expressmart	T008	10/1/1998
3745-21-07	(M)(1)	0125031840	TS Trim Industries, Inc.	R019 R020-R021, R024, R025	5/18/2009 12/8/2008 1/1/2005
3745-21-07	(M)(1)	0145020235	Clean Harbors Recycling Services of Ohio L.L.C. (was Safety-Kleen Corp. - Hebron Recycle Center)	P002	6/8/2007
3745-21-07	(M)(1)	0204000060	Plastech Engineered Products, Inc.	Facility	10/1/2006
3745-21-07	(M)(1)	0204010288	Clean Harbors PPM, LLC	P003 P004-P005, L004 -L006	8/7/2009 7/1/2001 10/7/2009

Rule #	Paragraph	Premise #	Facility Name	Emission Units	Shutdown Date
3745-21-07	(M)(1)	0215020233	Heritage Thermal Services (was Waste Technologies Industries, Inc.)	T050, T063	4/5/1996
3745-21-07	(M)(1)	0228000101	Pentair Water Purification (was Structural North America)	P004, P007, P011 P005, P009 P008	3/4/1994 2/22/1991 1/4/1994
3745-21-07	(M)(1)	0243081155	Henkel Consumer Adhesives, Inc. (was Ohio Sealants)	P003	12/23/2010
3745-21-07	(M)(1)	0243110099	PFF/MFD/STD of Avery Dennison	Facility	12/31/2007
3745-21-07	(M)(1)	0243160086	GE Quartz, Inc., Willoughby Plant	Facility	7/31/2009
3745-21-07	(M)(1)	0247030004	Lubrizol Advanced Materials	P020 P026	1/30/2009 12/23/2008
3745-21-07	(M)(1)	0250110960	Cantar/Polyair Corp.	Facility	4/30/2010
3745-21-07	(M)(1)	0278000728	Roemer Industries, Inc.	P001	1/1/2001
3745-21-07	(M)(1)	0278080251	Peerless -Winsmith, Inc.	P001	12/31/1999
3745-21-07	(M)(1)	0372030199	ABC Inoac Exterior Systems, LLC (was Eaton INOAC, Co.)	P008, P019, R009, R011, R018	10/11/2006
3745-21-07	(M)(1)	0448010240	Manufacturers Enameling Corporation	Facility	2/16/2007
3745-21-07	(M)(1)	0575010161	Thermoseal, Inc.	P001, P003- P005, P011 P002 P012	11/15/2009 11/10/2010 11/1/2000
3745-21-07	(M)(1)	0630000007	Plastech Engineered Products, Inc.	Facility	10/29/2008
3745-21-07	(M)(1)	0666010033	MASCO Retail Cabinet Group - Waverly (was Mill's Pride, Inc.)	Facility	11/28/2011
3745-21-07	(M)(1)	0819070134	BASF Corporation	P011	Now part of P028, which is listed in (M)(1).
3745-21-07	(M)(1)	0819070190	Greenville Technologies, Inc.	K001 K002 K003 K005	12/14/2007 12/30/2007 12/30/2005 12/30/2007
3745-21-07	(M)(1)	0857040018	Delphi Chassis Systems, Needmore Operations	P094, P104, P116	6/20/2008
3745-21-07	(M)(1)	0857040931	Delphi Chassis Systems, Home Avenue	K017	12/23/2008
3745-21-07	(M)(1)	0857090717	Pitney Bowes	Facility	5/17/2011
3745-21-07	(M)(1)	0857171794	Aptalis Pharmatech, Inc. (was Eurand)	P013	10/31/2009

<b>Rule #</b>	<b>Paragraph</b>	<b>Premise #</b>	<b>Facility Name</b>	<b>Emission Units</b>	<b>Shutdown Date</b>
3745-21-07	(M)(1)	0868090072	Rohm and Haas Chemicals, LLC	P508	1/1/2009
3745-21-07	(M)(1)	1318007651	The Chemical Solvents, Inc.	P009	9/1/2004
3745-21-07	(M)(1)	1431052206	H.B. Fuller Company	P003-P006	9/1/2009
3745-21-07	(M)(1)	1431070953	Queen City Barrel Company	Facility	9/9/2004
3745-21-07	(M)(1)	1431111828	Nease Corporation (was Ruetgers Organics Corporation)	P025	2/14/2011
3745-21-07	(M)(1)	1431302438	Greater Cincinnati Asphalt Terminal 2 (was Owens Corning Trumbull)	P001-P003	12/31/2007
3745-21-07	(M)(1)	1431390137	PMC Specialties, Inc.	P022	6/1/2006
3745-21-07	(M)(1)	1431423764	Kerry Flavor Systems US, LLC (was Alex Fries and Bros., Inc.)	Facility	11/1/2013
3745-21-07	(M)(1)	1483090101	Blackhawk Automotive Plastics, Inc.	Facility	4/30/2008
3745-21-07	(M)(3)(d)(iii)	0247040822	3M Elyria (was The Nylonge Corporation)	P005	11/5/2009
3745-21-07	(M)(3)(d)(vii)	0575000174	Honda Anna Engine Plant	P087 P097	6/29/2012 1/7/2012
3745-21-07	(M)(3)(d)(vii)	0819100218	Florida Production Engineering	K003	8/3/2012
3745-21-07	(M)(3)(e)	0387020045	Cooper Standard Automotive, LLC	R008, P014, P021	10/1/1990 10/1/1990 9/1/1993
3745-21-07	(M)(3)(f)	0857101349	GMC-Truck and Bus Group-Moraine	Facility	6/1/2009
3745-21-07	(N)(1)	1413000186	CECOS International	P001	10/1/2002
3745-21-09	(U)(2)(i)	0180010196	Honda of America Mfg., Inc. - Motorcycle Plant	Facility	9/30/2009
3745-21-09	(U)(2)(j)	0354010123	Huffy Bicycle Company	Facility	12/31/1998

## Facilities with Name and/or Address Changes in Chapter 3745-21

Rule #	Paragraph	Premise #	Facility Name - Original	Facility Name – New	Notes
3745-21-01	R	1318002663	Midwest Mica and Insulation Company	Von Roll Isola USA, Inc.	Name change
3745-21-01 3745-21-04 3745-21-09	S (C)(49) (OO)	1409010006	Armco Inc. - Middletown Works	AK Steel Corporation	Name change
3745-21-01 3745-21-04 3745-21-09	T (C)(60) (ZZ)	1677010000	Firestone Synthetic Rubber & Latex Company	Firestone Polymers	Name change
3745-21-01 3745-21-04 3745-21-09	T (C)(62) (BBB)	1677010029	BF Goodrich Company Akron Chemical Plant	Emerald Performance Materials LLC	Name change
3745-21-04 3745-21-09	(C)(20) (S)	1677000053	Alside, Inc.	Alside, Inc.	Address change
3745-21-04	(C)(21) and (C)(22)	0278000199	General Motors Corporation	General Motors LLC - Lordstown Complex	Name change
3745-21-04	(C)(25)	0247030471	Ford Motor Company	Ford Motor Company - Ohio Assembly Plant	Name change
3745-21-04 3745-21-07	(C)(35) (M)(3)(d)(vi)	0180010193	Honda of America Mfg., Inc.,	Honda of America Mfg., Inc, Marysville Auto Plant	Name change
3745-21-04 3745-21-09	(C)(44) (JJ)	1677010195	The Goodyear Tire and Rubber Company	OMNOVA Solutions Inc.	Name and address change
3745-21-04 3745-21-09	(C)(45) (KK)	1431380075	Morton Thiokol, Inc.	PMC Cincinnati, Inc.	Name change
3745-21-04 3745-21-09	(C)(47) (MM)	1318000101	PPG Industries, Inc.	PPG Industries, Inc. – Cleveland	Name change
3745-21-04 3745-21-09	(C)(48) (NN)	1318002663	Von Roll USA, Inc.	Von Roll Isola USA, Inc.	Name change
3745-21-04 3745-21-09	(C)(50) (PP)	1431150801	Formica Corporation	Formica Corporation – Evendale	Name change
3745-21-04 3745-21-09	(C)(51) (QQ)	1318006552	DayColor Corp	Day-Glo Color Corp	Name change
3745-21-04 3745-21-09	(C)(55) (UU)	0448020007	British Petroleum Oil Company, Toledo Refinery	BP-Husky Refining LLC	Name change
3745-21-04 3745-21-09	(C)(56) (VV)	1576002006	Ashland Petroleum Company	Marathon Petroleum Company LP - Canton Refinery	Name change
3745-21-04	(C)(66)	0125040904	Georgia Resins, Inc.	Georgia Pacific Chemicals LLC	Name change
3745-21-07	(K)(1) (M)(1)	0322000043	The Glidden Company	Akzo Nobel Coatings, Inc.	Name change

<b>Rule #</b>	<b>Paragraph</b>	<b>Premise #</b>	<b>Facility Name - Original</b>	<b>Facility Name – New</b>	<b>Notes</b>
3745-21-07	(K)(1)	1318082830	Marathon Ashland Petroleum, LLC	Marathon Petroleum Company LP - Brecksville Terminal	Name change
3745-21-07	(K)(3)	1318002813	Tremco, Inc.	Tremco, Inc. - Mameco Division	Name change
3745-21-07	(K)(3)	1318544510	Glastic Corporation, Cleveland Facility	Rochling Glastic Composites	Name change
3745-21-07	(L)(1)	0125040071	Marathon Ashland Petroleum, LLC	Marathon Ashland Petroleum, LLC – CLOW	Name change
3745-21-07	(M)(1)	0125040064	Akzo Nobel Coatings	Akzo Nobel Coatings, Inc.	Name change
3745-21-07	(M)(1)	0145020235	Safety-Kleen Corp. - Hebron Recycle Center	Clean Harbors Recycling Services of Ohio L.L.C.	Name change
3745-21-07	(M)(1)	0215020233	Waste Technologies Industries, Inc.	Heritage Thermal Services	Name change
3745-21-07	(M)(1)	0228000186	Kraftmaid Cabinetry, Inc., Middlefield #1	Masco Cabinetry Middlefield LLC (KraftMaid Plant #1)	Name change
3745-21-07	(M)(1)	0243081155	Ohio Sealants	Henkel Consumer Adhesives, Inc.	Name change
3745-21-07	(M)(1)	0243081245	Chem Development	The Kennedy Group	Name change
3745-21-07	(M)(1)	0247030004	Noveon, Inc.	Lubrizol Advanced Materials	Name change
3745-21-07	(M)(1)	0607090125	LESCO, Inc.	Turf Care Supply Corp. - Martins Ferry Plant	Name change
3745-21-07	(M)(1)	0640010020	Merillat Industries, Inc.	Masco Cabinetry, Merillat, Jackson	Name change
3745-21-07	(M)(1)	0857171794	Eurand	Aptalis Pharmatech, Inc.	Name change
3745-21-07	(M)(1)	1431010054	Ineos ABS Corporation	Ineos ABS (USA) Corporation	Name change
3745-21-07	(M)(1)	1431111828	Ruetgers Organics Corporation	Nease Corporation	Name change
3745-21-07	(M)(1)	1431423764	Alex Fries and Bros., Inc.	Kerry Flavor Systems US, LLC	Name change
3745-21-07	(M)(1)	1431483219	CDR Pigments and Dispersions	Flint Group Pigments	Name change
3745-21-07	(M)(3)(d)(iii)	0247040822	The Nylonge Corporation	3M Elyria	Name change
3745-21-07	(N)(3)	1677010999	Aircraft Braking Systems Corp	Meggitt Aircraft Braking Systems Corp	Name change
3745-21-09	(K)(4)	0332010170	Whirlpool Corporation (Findlay Division)	Whirlpool Findlay Division	Name change

<b>Rule #</b>	<b>Paragraph</b>	<b>Premise #</b>	<b>Facility Name - Original</b>	<b>Facility Name – New</b>	<b>Notes</b>
3745-21-09	(X)(2)(b)	0332010003	Cooper Tire and Rubber Company	The Cooper Tire Company – Findlay	Name and address change
3745-21-09	(T)(4)	0302020012	Premcor Lima Refinery	Lima Refining Company	Name change
3745-21-09	(RR)	1318040267	Sherwin-Williams Diversified Brands, Incorporated	Sherwin-Williams Co.	Name change