**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**REGION 5**

**IN THE MATTER OF:**

**Mid-America Steel Drum Company**
**3950 South Pennsylvania Avenue**
**Saint Francis, Wisconsin 53235**

**ATTENTION:**

**Mark Furgason, Plant Manager**

**Request to Provide Information Pursuant to the Clean Air Act**

The U.S. Environmental Protection Agency is requiring Mid-America Steel Drum Company (Mid-America or you) to submit certain information about the facility at 3950 South Pennsylvania Avenue, Saint Francis, Wisconsin. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us according the schedule in Appendix B.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

Mid-America owns and operates a miscellaneous metal surface coating emission source at the Saint Francis, Wisconsin facility. We are requesting this information to determine whether your emission source is complying with the Wisconsin State Implementation Plan and National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products at 40 C.F.R. Part 63, Subpart MMMM.

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Mid-America must send all required information to:

> Attn: Compliance Tracker, AE-18J
> Air Enforcement and Compliance Assurance Branch
> U.S. Environmental Protection Agency
> Region 5
> 77 W. Jackson Boulevard
> Chicago, Illinois 60604

Mid-America must submit all required information under an authorized signature with the following certification:

> I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment and shall be made available to the public notwithstanding any assertion of a business confidentiality claim. Appendix C provides additional information regarding the meaning and scope of the term "emissions data."



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This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject Mid-America to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Manojkumar P. Patel at (312) 353-3565 or by electronic mail at patel.manojkumar@epa.gov.

4/5/17
Date

Edward Nam
Director
Air and Radiation Division



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## Appendix A

When providing the information requested in Appendix B, use the following instructions and definitions.

### Instructions

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.

2. Precede each answer with the number of the question to which it corresponds and, at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.

3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.

4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.

5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.

6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

### Electronic Submissions

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.

2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.



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3. Provide submission on physical media such as compact disk, flash drive or other similar item.

4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).

5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.

6. Certify that the attached files have been scanned for viruses and indicate what program was used.

**Definitions**

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*, and National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products at 40 C.F.R. Part 63, Subpart MMMM.



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## Appendix B

## Information You Are Required to Submit to EPA

Mid-America Steel Drum Company (Mid-America) must submit the following information requested for its facility located at 3950 South Pennsylvania Avenue, Saint Francis, Wisconsin (facility), pursuant to Section 114 of the Clean Air Act (CAA or the Act), 42 U.S.C. Section 7414. For Requests 1 through 19, provide the requested within thirty (30) calendar days from receipt of this letter, and these requests cover the time period from April 1, 2012 to date you receive this request. Request 20 has separate deadlines that are set forth therein.

1. Provide a schematic diagram of the facility, depicting the overall process.

2. Provide a detailed narrative description of the processes employed at the facility to refurbish or recycle steel drums.

3. Submit a piping and instrumentation diagram (P&ID) showing a functional relationship between piping, instrumentation, and process components that carry vapors or liquids containing volatile organic compounds (VOCs) to a wet scrubber (C10) from the following processes:
   a. Interior caustic pre-flush (P80A);
   b. Exterior wash soaker (P80B);
   c. Exterior rinse (P80C);
   d. Internal drum washer (P42);
   e. Drum caustic pre-flush (P95);
   f. Exterior wash/soaker (P72);
   g. Exterior rinse (P73);
   h. Internal double-spilt washer (P74); and
   i. All storage tanks.

4. Provide the number of drums (steel and plastic) received on a monthly and yearly basis from each vendor or supplier, in a Microsoft Excel workbook or other compatible format.

5. Provide all documents related to the materials in the drums (steel and plastic) received by the facility, including, but not limited to:
   a. Resource Conservation Recovery Act (RCRA) empty container certifications;
   b. Hazardous waste manifests;
   c. Technical data sheets;
   d. Material safety data sheets; and
   e. Analytical data on the materials.

6. Provide the number of drums (steel and plastic) that are refurbished at the facility on a daily, weekly, monthly, and yearly basis, in a Microsoft Excel workbook or other compatible format.



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7. Provide the number of drums (steel and plastic) repairs (if any) at the facility on a daily, weekly, monthly, and yearly basis, in a Microsoft Excel workbook or other compatible format.

8. For the drum refurbishing and recycling operation(s) at the facility, provide a detailed narrative description of each piece of process equipment and its installation date.

9. For the drum refurbishing and recycling operation(s) at the facility, provide a date and detailed description of any modification(s) to the process equipment.

10. Provide copies of all air quality permits issued by the Wisconsin Department of Natural Resources (WDNR), Bureau of Air Management, including, but not limited to, Part 70 Operating Permits, Permit to Install, or Construction Permits.

11. Provide a list of all air quality enforcement actions related to the facility taken by any state or local regulatory agency. Include copies of any air quality-related administrative or judicial complaints; any notices of violation or notices of noncompliance; any documents resolving violations, such as consent decrees or consent orders; and any orders, such as administrative orders.

12. To the extent not provided in response to a request above, provide copies of any correspondence between the state, local, or federal permitting authority regarding the installation or modification of any emissions unit or the emission limits for any emissions unit at the facility, including, but not limited to, applicability determinations, regulatory interpretations, and approval orders.

13. Provide a detailed description of the type and amount of VOCs and hazardous air pollutants (HAPs) emitted by the facility, in pounds per hour and tons per year.

14. For each process at the facility emitting VOCs or HAPs, provide the actual hours of operation in hours per day, days per week, and hours per year.

15. Provide copies of all documents related to inspections conducted on the wet scrubber (C10) and mist eliminator at the facility. For purposes of this request, inspections include, but are not limited to, the maintenance/repair of: the spray nozzles for signs of corrosion of plugging; inlet and outlet ducts for plugging and leaks; the pumping system; suction pipe; pumping system valves; and mist eliminator for signs of corrosion and plugging. If not apparent from the documents provided in response to this request, submit a separate list that includes the following:
    a. The date, time, and name of the person performing each inspection;
    b. A list of items associated with the wet scrubber and mist eliminator that were inspected; and
    c. Any maintenance or repairs performed as a result of these inspections.

16. Provide the following information, as required by Condition I.G.3.c.(2) of the Construction Permit (Permit No. 14-RSG-142), for the Auto Exterior Drum Spray Booth



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(P32C), Curing Oven (P32B), and Closed Drum Drying Oven (P50C) in a Microsoft Excel workbook or other compatible format, where appropriate:

a. A unique name or identification number for each coating, as applied;
b. A unique name of identification number for each coating, cleanup solvent, and thinner, as received;
c. The VOC content of each coating in pounds per gallon, as applied;
d. The VOC content of each coating, as applied in units of pounds VOC per gallon, excluding water;
e. The VOC content of each coating, thinner, and cleanup solvent, as received;
f. If coatings as received are thinned prior to use, the quantities $Q_c$ and $Q_t$ needed to calculate $VOC_a$ as described in Condition I.G.3.b.(2) of the Construction Permit; and
g. MSDS or equivalent document, which contains information to determine VOC content for each coating or solvent.

17. For P32C, provide the following information:
    a. Any MSDSs used to determine the VOC content of any coating or solvent washing;
    b. Any published literature, including but not limited to the manufacturer's Technical Data Sheets, used to determine the VOC content of any coating or solvent washing; and
    c. Any mass balance calculations, and accompanying published literature supporting the values used in the calculations, used to determine the VOC content of compounded and/or thinned coatings or solvent washings.

18. Provide records for all processes at the facility that are currently exempt from permitting but for which you are required to maintain records to demonstrate compliance with any permit exemptions.

19. For P32C, as required by Condition I.H.4.d. of the Construction Permit, provide the following records:
    a. A copy of each notification and report that the facility submitted to comply with 40 C.F.R. Part 63, Subpart MMMM, and the documentation supporting each notification and report;
    b. A current copy of information provided by material suppliers or manufacturers, such as manufacturer's formulation data, or test data, including summary sheets, used to determine the mass fraction of organic HAP and density for each coating, thinner, other additive, cleaning material, and the volume fraction of coating solids for each coating;
    c. If you conducted testing to determine mass fraction of organic HAP, density or volume fraction of coating solids, provide copy of the complete test report(s);
    d. Records of the calculation of the organic HAP content for each coating, using Equation 2 of 40 C.F.R. § 63.3941;
    e. A record of the name and volume (or purchase records, if applicable) of each coating, thinner, other additive, and cleaning material used;
    f. A record of the mass fraction of organic HAP for each coating, thinner, other additive, and cleaning material used;
    g. A record of the volume fraction of coating solids for each coating used;



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h. If you used the emission rate without add-on controls compliance option, provide records showing the density for each coating, thinner, other additive, and cleaning material used; and

i. If you used the emission rate without add-on controls compliance option and the calculation includes an allowance for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF), provide records of:

   i. The name and address of each TSDF;
   ii. The date of each shipment;
   iii. Identification of coating operations producing waste materials included in each shipment and the month or months in which you used the allowance for these waste materials when calculating the emission rate;
   iv. The methodology used to determine total amount of waste materials sent to or the amount collected, stored and designated for transport to a TSDF each month and the methodology used to determine the mass of organic HAP contained in these waste materials; and
   v. Records of the date, time and duration of each deviation.

20. Mid-America shall submit an emission test protocol, conduct emission testing, and submit all other information requested within the schedules provided below for the facility. Specifically, Mid-America shall:

a. Within 30 days of receipt of this request, conduct a pre-test survey to determine each VOC being emitted from the wet scrubber/mist eliminator (C10). The survey shall be conducted while all connected processes are being operated in a manner that is consistent with normal operations and would produce the most VOC emissions from the wet scrubber. This pre-test survey shall be conducted in accordance with the pre-survey requirements in section 16 of reference test Method 18 at 40 C.F.R. Part 60, Appendix A.

b. Within 15 days of completing the pre-test survey, submit the results of the pre-test survey and the analyses of the moisture content.

c. Within 60 days of receipt of this request, submit a proposed emission testing protocol to measure VOC emissions from P80A, P80B, P80C, P42, P95, P72, P73, P74, and all storage tanks. This emission testing must be conducted in accordance with U.S. EPA Method 1 through 4, and Method 25 or Method 25A. The emission test protocol shall specify the following:

   i. Temporary total enclosure (TTE) will be constructed for each emission unit, if required;
   ii. Three sampling runs will be conducted at each emission unit. Each run shall be at least one hour long; and
   iii. Testing will be conducted at a production rate and process operating conditions that would produce the most VOC emissions from these emission units.

d. At least 30 days prior to the planned VOC emission test(s) under Request 20.c., submit notification to EPA via email (patel.manojkumar@epa.gov and R5airenforcement@epa.gov) and to Wisconsin DNR of the intent to perform emission testing.



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e. Within 30 days of EPA's approval of the proposed VOC emission testing protocol, complete the VOC emission test(s) under Request 20.c.
f. Between the date of this request and the date of the VOC emission test(s) required above, Mid-America shall only perform routine maintenance on the wet scrubber/mist eliminator. Any maintenance that is performed must be documented in the stack test report required in item g. below; and
g. Within 30 days after completion of those tests, submit a complete report of the VOC emission test(s), including the following, at a minimum:
   i. Summary of Results

      A. Results of the above specified emission tests (ppm, lbs/hr);
      B. Results of the VOC emissions removal efficiency (in percentage);
      C. Process and control equipment data related to determining compliance;
      D. Discussion of any test errors;
      E. Discussion of any deviations from the reference test methods; and
      F. Production data.

   ii. Facility Operations

      A. Description of the process in operation;
      B. Operating parameters of the process at the time of the test, including but not limited to line speed, type of waste liquid container washed or rinsed or processed, amount of waste liquid in the containers, pressure drop across the scrubber, the liquid flow rate in gallons per minutes across the scrubber, the scrubber liquid pH; and
      C. Facility operating parameters that demonstrate that the facility was being operated at maximum production rates.

   iii. Sampling and Analytical Procedures

      A. Sampling port location(s) and dimensions of cross-section;
      B. Sampling point description, including labeling system;
      C. Brief description of sampling procedures, including equipment and diagram;
      D. Description of sampling procedures (planned and accidental) that deviated from any standard method;
      E. Brief description of analytical procedures, including calibration;
      F. Description of analytical procedures (planned or accidental) that deviated from any standard method; and
      G. Quality control/ quality assurance procedures, tests, and results.

   iv. Appendix

      A. Complete results with example calculations;
      B. Raw field data (original, not computer printouts);
      C. Laboratory report, with signed chain-of-custody forms;
      D. Calibration procedures and results;
      E. Raw process and control equipment data, signed by plant representative;



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F. Test log;
G. Project participants and titles; and
H. Related correspondence.

Mid-America shall submit Information Requested in Request 20 by electronic mail to: Patel.Manojkumar@epa.gov and R5airenforcement@epa.gov.



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## Appendix C

## Confidential Business and Personal Privacy Information

### Assertion Requirements

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

"Emission data" means, with reference to any source of emissions of any substance into the air:

> Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;
>
> Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and
>
> A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as "trade secret" or "proprietary" or "company confidential" and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the information request as a waiver of that claim, and the information may be made available to the public without further notice to you.



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**Determining Whether the Information Is Entitled to Confidential Treatment**

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show: that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential by page, paragraph and sentence. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.

2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?

3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?

4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?

5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.

6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as



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substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.

8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

**Personal Privacy Information**

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.



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## CERTIFICATE OF MAILING

I, Kathy Jones, certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by Certified Mail, Return Receipt Requested, to:

Mark Furgason, Plant Manager
Mid-America Steel Drum Company
3950 South Pennsylvania Avenue
Saint Francis, Wisconsin 53235

I also certify that I sent a copy of the Request to Provide Information Pursuant to the Clean Air Act by E-mail to:

Bill Baumann, Chief
Compliance and Enforcement Section
William.Baumann@wisconsin.gov

and

Michael Griffin, Air Compliance Engineer
Mike.Griffin@wisconsin.gov

On the 5 day of April 2017.

Kathy Jones, Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7016 1370 0001 5719 9100

Standard bcc's: Official File Copy w/Attachment (s)
Originating Organization Reading File w/Attachment(s)
Other bcc's: Gary Steinbauer, C-14J

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