

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS
MATERIALS CONTROL, SOILS AND TESTING DIVISION

MATERIALS PROCEDURE

GUIDE FOR DEVELOPMENT OF THE CONTRACTOR'S ENVIRONMENTAL CONTROL
PLAN FOR SPENT MATERIAL PRIOR TO PAINTING EXISTING STRUCTURES

1. SCOPE

- 1.1 This materials procedure shall be used as guidance for the development of the Contractor's Environmental Control Plan for "Spent Material" prior to painting existing structures. This procedure is applicable for all structures having a coating system removed prior to field painting.
- 1.2 Spent Material: This shall include material generated by surface preparation operations and shall be sampled and tested in accordance with the current revision of SSPC Guide 7, Guide to the Disposal of Lead-Contaminated Surface Preparation Debris, available at the [SSPC.org Webpage](http://www.sspc.org)¹. The Contractor shall, at the Contractor's expense, select a laboratory that will sample and analyze the Spent Materials. The laboratory must be certified by the WVDEP, EPA, or by another state's DEP-equivalent. Certification will be provided to the Engineer prior to the beginning of work. The waste transporter for both hazardous and non-hazardous waste will be listed on the Contractor's Environmental Control Plan.
- 1.2.1 The hazardous waste transporter named within the plan shall have a US EPA Identification Number.
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2. REFERENCED DOCUMENTS

- 2.1 Reference to standard specifications and other standard procedures shall be the latest edition of the published document.
- 2.1.1 West Virginia Department of Transportation, Division of Highways Standard Specifications Road and Bridges.
- a. 107-Legal Relations and Responsibility to Public
 - b. 601-Structural Concrete
 - c. 685-Bridge Cleaning
 - d. 688-Field Painting of Metal Structures
- 2.1.2 Society for Protective Coatings (SSPC) Technology Guides.
- a. Technology Guide 6: Guide for Containing Debris Generated During Paint Removal Operations.
 - b. SSPC Technology Guide 7: Guide to the Disposal of Lead-Contaminated Surface Preparation Debris
 - c. SSPC Technology Guide 16: Guide to Specifying and Selecting Dust Collectors

¹ <http://www.sspc.org/>

2.2 Any *SSPC, ASTM, ISO, AASHTO* or *WVDOH* documents that may be applicable, not previously mentioned.

3. ENVIRONMENTAL CONTROL PLAN

3.1 As stated in Specification 688, Section 688.2.5-Submittals and 601.13.3.7.1-Quality Control Plan for Painting, a Quality Control Plan shall be designed by the Contractor and submitted for acceptance/approval by the Engineer prior to commencement of the subject work. The plan shall clearly describe the methods by which the Contractor's Environmental Control Plan will be implemented. An acceptable plan should include the following:

4. FORMAT

4.1 The Contractor/Fabricator shall complete the form: "688.03.20 - WVDOH QC Plan for Environmental Monitoring." A sample of this document is provided with this MP, however the live document is available on the WVDOH MCS&T Webpage under the "Tool Box²."

4.1.1 This form is a fillable PDF form and shall be submitted electronically. The plan will be submitted to the [Paint QC E-mail Address](#)³. All form fields in RED shall be completed at a minimum. Once completed the submit button may be activated and an e-mail will generate with the form attached and the e-mail address populated. Additional information shall be provided as separate documents attached to the Environmental Control Plan.



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Ronald L. Stanevich, P.E.
Director
Materials Control, Soils & Testing Division

RLS:P
Attachments

² <https://transportation.wv.gov/highways/mcst/Pages/tbox.aspx>

³ DOHQCPaintEnvMonPlan@wv.gov