

# Fact Sheet



## *For Administrative Amendment Permitting Action Under 45CSR30 and Title V of the Clean Air Act*

This Fact Sheet serves to address the changes specific to this Administrative Amendment, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on September 24, 2007.

Permit Number: **R30-03900057-2007**  
Application Received: **July 22, 2010**  
Plant Identification Number: **03-54-03900057**  
Permittee: **Charleston Area Medical Center**  
Facility Name: **General Division**  
Mailing Address: **3200 MacCorkle Avenue SE Charleston WV 25304**

Permit Action Number: *AA01*      Revised: *July 30, 2010*

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Physical Location:                      Charleston, Kanawha County, West Virginia  
UTM Coordinates:                      445.19 km Easting • 4244.56 km Northing • Zone 17  
Directions:                                From Interstate 64, take exit 100 at Leon Sullivan Way toward Capitol Street. From Leon Sullivan Way, turn left onto Lee Street. Turn left onto Brooks Street and right onto Washington Street to stay on U.S. Route 60 East. Turn left onto Morris Street and end at 501 Morris Street.

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### **Facility Description**

Charleston Area Medical Center - General Division is a hospital that is covered by Standard Industrial Classification (SIC) 8062. The hospital has a 1000 lb/hr Hospital Medical Infectious Waste Incinerator (HMIWI) with a dry injection and fabric filter dry scrubber system and a waste heat recovery boiler. It incinerates medical infectious waste from three CAMC hospitals: General Hospital, Memorial Hospital, and Women's and Children's Hospital, as well as from other health organizations associated with CAMC. The HMIWI has an annual feed rate of 1,700,000 pounds.

This hospital operates one (1) hospital medical infectious waste incinerator, four (4) emergency generators, four (4) boilers, one (1) ethylene sterilization unit, five (5) cooling towers, and three (3) No. 2 Fuel Oil

storage tanks as permitted by the synthetic minor permit R13-1772E. The hospital medical infectious waste incinerator is the only emission unit at this facility covered by the Title V permit.

### Emissions Summary

No change in emissions due to proposed changes.

### Title V Program Applicability Basis

This facility operates a Hospital/Medical/Infectious Waste Incinerator (HMIWI). In accordance with 40 CFR § 60.32e (i) and 45CSR§18-10.1, this facility is required to have an operating permit pursuant to Title V of the Federal Clean Air Act. Furthermore, in accordance with 45CSR§30-3.3.b, for any non-major source subject to 45CSR30, the Secretary shall include in the permit all applicable requirements for emission unit(s) that cause the source to be subject to this rule.

### Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR13	
	45CSR18	Combustion of Solid Waste.
	45CSR30	Operating permit requirement.
State Only:	N/A	

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

### Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R13-1772E	May 8, 2003	N/A

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

### Determinations and Justifications

As requested by the US EPA, The reference in Condition 4.1.9 to PM<sub>10</sub> was changed to PM. Condition 4.1.9 references R13-1772. The current version, R13-1772E, specifies PM<sub>10</sub>. However, the original version specified PM. The change to PM<sub>10</sub> was made in R13-1772D. The permit application makes no mention of this change; it appears to have been an arbitrary change.

### Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

N/A

**Request for Variances or Alternatives**

None

**Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

**Comment Period**

Beginning Date: N/A

Ending Date: N/A

All written comments should be addressed to the following individual and office:

Rex Compston  
Title V Permit Writer  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

**Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

**Point of Contact**

Rex Compston  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1209 • Fax: 304/926-0478

**Response to Comments (Statement of Basis)**

Not applicable.