



west virginia department of environmental protection

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Earl Ray Tomblin, Governor
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MEMORANDUM

To: Beverly D. McKeone, PE
From: Steven R. Pursley, PE SAR
Date: October 8, 2015
Subject: PD15-075

Stamp with handwritten '011-0007' and fields for COMPANY (Huntington Alloys), FACILITY (Pangborn), REGION (3), and REG. (PD15-075).

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On August 24, 2015, Huntington Alloys submitted a request for a permit determination. Said request involved the replacement of a Pangborn GN34 shot blaster with a Wheelabrator 34 blaster. Huntington Alloys' existing permit (R13-2532G) has several permit conditions applicable to the existing blaster but only identifies the blaster as emission unit TP-10P (no brand, model number etc. are given). Therefore, no changes would have to be made to the permit for those changes to apply to the new unit. Indeed, the only thing that would necessarily change by modifying the permit would be the installed date in Table 1.0.

Although Huntington claims that the baghouse is an integral part of the unit (and the permit requires that blaster TP-10P be equipped with a baghouse), they did submit uncontrolled emission calculations along with controlled calculations. Uncontrolled PM emissions from the unit would be 0.58 pounds per hour and 2.54 tons per year. Controlled emissions would actually decrease (due to a newer, more efficient baghouse).

Therefore, no permit modification is required.

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