

**From:** Jerry.Salamy@CH2M.com  
**Sent:** Wednesday, January 23, 2013 12:40 PM  
**To:** CPerri@aqmd.gov; stephen.okane@AES.com  
**Cc:** Bemis, Gerry@Energy; Miller, Felicia@Energy; Jiang, Tao@Energy; JYee@aqmd.gov; Robert.Mason@CH2M.com  
**Subject:** RE: HBEP commissioning emissions

Chris,

An assumed NOx concentration of 9 parts per million by volume dry and an exhaust gas flow rate is 651913.46 standard dry cubic feet per minute were used to estimate the 100% load uncontrolled NOx emission rate of 41.95 lb/hr.

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**From:** Chris Perri [<mailto:CPerri@aqmd.gov>]  
**Sent:** Wednesday, January 23, 2013 11:22 AM  
**To:** [stephen.okane@AES.com](mailto:stephen.okane@AES.com)  
**Cc:** Bemis, Gerry@Energy; Miller, Felicia@Energy; Jiang, Tao@Energy; Salamy, Jerry/SAC; John Yee  
**Subject:** HBEP comissioning emissions

Hi Stephen,

I'm looking over the commissioning emissions estimates provided in Table 5.1B.1. It looks like the NOx emission rate for the 100% load activities, with the SCR efficiency at 75% is about 10.49 lbs/hr. Could you provide the data used to calculate that number (i.e., assumed NOx concentration and exhaust flow)?

Thanks

Chris Perri  
Air Quality Engineer  
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