

UNREGULATED EMISSIONS FROM CRT-EQUIPPED TRANSIT BUSES

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A collaborative project to demonstrate the JM I-CRT technology has been underway on transit-buses operated by the New York City Metropolitan Transportation Authority (MTA). Project team members include MTA, JMI, Corning, Equilon, Rad Oil, Environment Canada, and NYS/DEC. DEC staff have collaborated with the Emissions Measurement and Research Division (ERMD) of Environment Canada to perform regulated and unregulated emissions testing on buses

prior to CRT installation with base fuel, with 30 ppm sulfur fuel, and finally with CRT and 30 ppm fuel. The initial round of testing has been completed, and CRT buses are in durability operation prior to a second round of tests in Ottawa at ERMD. The presentation will discuss overall project operation and status, but focus on emission measurements of particle size, number, and chemical analysis by the ERMD/DEC team.