



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP - 1 2006

OFFICE OF
AIR AND RADIATION

Mr. Marty Lassen
Manager, Commercial Development and Marketing
Johnson Matthey
380 Lapp Road
Malvern, PA 19355

Dear Mr. Lassen:

The U.S. Environmental Protection Agency (EPA) has reviewed your request to update the verified emissions reduction levels from the use of Johnson Matthey's Continuously Regenerating Technology (CRT) and Catalyzed Continuously Regenerating Technology (CCRT) diesel particulate filters. Originally verified in November 2000 and May 2004, respectively, the CRT and CCRT filters were assigned emissions levels of 60% PM, 60% HC, and 60% CO. Based on our evaluation of your in-use testing program for the CRT and CCRT, EPA hereby verifies that these technologies reduce emissions of certain criteria pollutants by the percentages described in the table below.

Technology	Engine Model/Application	Fuel, Max Sulfur (ppm)	Reductions (%)			
			PM	CO	Nox	HC
Continuously Regenerating Technology (CRT)	All 4 cycle, model year 1994 - 2006, turbocharged or naturally aspirated engines	15	90	85	n/a	95
Catalyzed Continuously Regenerating Technology (CCRT)	Highway, heavy-heavy, medium-heavy, light-heavy duty, urban bus, 4-cycle, non-EGR model year 1994 - 2006, turbocharged or naturally aspirated engines	15	90	85	n/a	95

In addition, EPA has reviewed your request to extend the CRT and CCRT verifications to include up to the 2006 model year. Based on our evaluation of your test program, EPA hereby extends the verification of the CRT and CCRT from model years 1994-2002 and 1994-2003, respectively, to model years 1994-2006 and 1994 -2006. The maximum fuel sulfur ppm level has also been changed from 30 ppm to 15 ppm. The remainder of the operating criteria outlined in the original verifications remain unchanged. The newly assigned levels of reductions will be posted on EPA's National Clean Diesel Campaign's website (www.epa.gov/cleandiesel). As you know, Johnson Matthey is still responsible for completing Phase II of the in-use testing program for the CCRT and for submitting all in-use testing data to EPA.

Thank you for participating in EPA's National Clean Diesel Campaign. If you have any questions or comments, please contact Rosa Shim, of my staff, at (202) 343-9537.

Sincerely,

A handwritten signature in black ink that reads "Jim Blubaugh". The signature is written in a cursive style with a large initial "J" and a stylized "B".

Jim Blubaugh, Manager
National Clean Diesel Campaign
Office of Transportation and Air Quality

cc: Ajay Joshi, Regulatory Applications Engineer, Johnson Matthey