



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202 - 2733

June 13, 2016

Colonel Stuckey,

This is to document EPA's approval to LMD and its contractors to resume full operations of the Contained Burn System. The system is approved to destroy the M6 and Clean Burning Igniter with Condition I loading and per the Operating Parameter Limits established.

EPA has reviewed the Expedited Report for the destruction of the M6. The Report contained information regarding Condition I, Neat Burn, meaning that the material burned was for a tray containing 880 pounds of the propellant, and void of any other material such as packaging, pallets, or other debris. (For reference, Condition II is defined as including antistatic bags and no other packaging.) The intent of the Expedited Report and review was to:

- (a) verify if the Contained Burn System (CBS) unit met the 99.99% Destruction and Removal Efficiency (DRE) for the three Principal Organic Hazardous Constituents (POHCs) tested,
(b) verify proposed Operating Parameter Limits (OPLs) based on the available information that would ensure 99.99% DRE during the post-test normal operations, and
(c) check that the Quality Assurance (QA) requirements including the Relative Accuracy Test Audit (RATA) test, Continuous Emissions Monitor System (CEMS) calibration and drift test were met.

Based on the review of the Expedited Report:

- (a) The unit passed the 99.99% DRE for all three POHCs, dinitrotoluene (all isomers), dibutyl phthalate, and diphenylamine.
(b) The OPLs are listed below.
(c) The QA requirements were met and additional supporting documents shall be contained in the final CPT Report.

Table with 9 columns: Operating Parameter Limits, Max. Stack Flow scfm (HRA), Min. After Burner Temp. F (OMA), Max. Bag House Inlet Temp. F (HRA), SCR Inlet Temp. F (HRA), Bag House DP inwc (HRA), HEPA DP inwc (HRA), Max. After Burner comb. Air flow scfm (HRA), Min. Stack O2 % (OMA). Row 1: 10422, 1546, 420, 300-750, 0.1-12, 0.1-10, 3500, 2.0

Handwritten signature of Gregory E. Fife
Gregory E. Fife
Senior On-Scene Coordinator
US EPA

