

CCM on engine backpressure and the effect the backpressure could have on the remaining life of the engine.

Backpressure with the CCM installed will generally be higher than the backpressure with the original muffler. However, Engelhard has designed the CCM to ensure that the engine manufacturer's maximum allowable backpressure will not be exceeded for any engine/exhaust combination. Since backpressure will remain below the manufacturer's allowable limit, EPA does not believe that engine life will be diminished as a result of installing a CCM. Furthermore, Engelhard has recently reconfigured the catalyst that will be marketed under this program to provide a lower backpressure as compared to the catalyst used in the certification test.

Catalyst sizing, packaging and installation applicability were raised as issues by several commenters.

Specifically, commenters questioned whether the catalyst would be adequately packaged to fit the wide range of engines and bus models, and whether proper installation and mounting hardware would be available for each combination of bus/engine.

Clear instructions and proper installation for each bus/engine combination will be required to ensure proper operation of the CCM. Engelhard has designed specific installation instructions and hardware for most applications already. The CCM takes the place of the muffler in the exhaust system and each kit will contain all components necessary to complete the installation. Engelhard continues to work with operators to develop appropriate hardware and packaging for specific applications.

The last major group of comments centered around life cycle cost of the CCM. One commenter proposed that field data be collected to support fuel economy impact claims contained in the application for certification. Another commenter noted that operators might use the equipment beyond the 150,000 mile useful life, and questioned how the costs associated with use beyond 150,000 miles are accounted for in the life cycle cost.

Regarding field data to demonstrate fuel economy claims, the regulations do not require that life cycle fuel cost be calculated using field data. At the time of application for certification, a certifier that is applying for certification within life cycle cost limitations must provide information on the fuel economy impact of rebuild/retrofit equipment. Engelhard provided brake-specific fuel consumption (BSFC) data from transient tests performed on a

baseline engine and on an engine equipped with a CCM. This data shows the BSFC difference between these tests to be within normal test to test variability, and EPA does not find that this equipment will have an impact on fuel economy.

Regarding the second comment, operators may indeed continue to use certified equipment beyond the statutory useful-life of 150,000 miles. However, for the purpose of calculating life cycle costs, only those costs incurred within the useful-life are relevant. Operators who operate equipment beyond the useful-life are responsible for costs to maintain the equipment in proper operating condition, and assume in-use emissions performance liability.

III. Certification Approval

The Agency has reviewed this application, along with comments received from the interested parties, and finds that this application meets the requirements for certification under the Retrofit/Rebuild Requirements for 1993 and Earlier Model Year Urban Buses (40 CFR 85.1401 and 85.1415). Thus, the Agency hereby approves the certification of this equipment.

IV. Operator Requirements and Responsibilities

Operators who have chosen to comply with Program 1 will be required to utilize this equipment for any engines that are listed in Table A that undergo rebuild on or after December 1, 1995. Under Program 2, this equipment is immediately available to operators for use and those who use this certified kit may claim the PM emissions reduction as stated in Table A when calculating their Fleet Level Attained.

As stated in the regulations, operators should maintain records for each engine in their fleet to demonstrate that they are in compliance with either program 1 or program 2 beginning in January 1, 1995. These records include purchase records, receipts, and part numbers for the parts and components used in the rebuilding of urban bus engines.

Dated: May 10, 1995.

Mary D. Nichols,

Assistant Administrator for Air and Radiation.

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[OPPTS-62145; FRL-4947-6]

Instruction Manual on Interim Controls and the Operation and Maintenance of Lead-Based Paint for Abatement Workers and Maintenance Personnel; Notice of Availability

AGENCY: Environmental Protection Agency (EPA).

ACTION: Request for preproposals.

SUMMARY: EPA issued a proposed rule *Lead: Requirements for Lead-Based Paint Activities* on September 2, 1994. The objective of the proposed rule is to provide standards for the training of a workforce qualified to assist in the evaluation and reduction of hazards associated with lead-based paint. To further the goal of improved training for the workforce engaged in lead-based paint activities, the U.S. Department of Housing and Urban Development (HUD) has provided funds for the development of a training curriculum and an accompanying video on interim controls and operations and maintenance for lead-based paint. HUD has transferred these funds to EPA for the management of this project. EPA is requesting the submission of preproposals from qualified organizations that are interested in developing a training course and a video on these subjects. This notice describes the eligibility and criteria for the selection of preproposals.

DATES: All preproposals must be submitted to EPA by June 30, 1995.

ADDRESSES: Preproposals should be sent to the following address: Betty Weiner, Chemical Management Division (7404), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460.

FOR FURTHER INFORMATION CONTACT: Betty Weiner at (202) 260-2924 or write to the address listed under the ADDRESSES unit.

SUPPLEMENTARY INFORMATION: In the **Federal Register** of September 2, 1994 (59 FR 45872), EPA issued a proposed rule regarding regulations governing lead-based paint activities. The purpose of this document is to announce the availability of funds to be administered by EPA in the form of a cooperative agreement with an organization with demonstrated experience in lead-based paint training activities. Any nonprofit organization with such experience is eligible to apply. These funds are to be used for the development of a 1-day course in interim controls for lead-based paint and routine maintenance activities. The basic elements of interim controls are: paint stabilization, dust

removal, treatment of friction and impact surfaces, and soil interim controls. The course should also introduce the worker to the importance of monitoring and reevaluation, and the role of maintenance in preserving the integrity of interim controls during routine activities and minimizing contamination of housing. The course should include a worker's manual and an instructor's manual as well as a video consisting of work demonstrations accompanied by explanatory narration. The course will be used to train both certified and noncertified individuals involved in the control of lead-based paint that is not undergoing removal.

Model courses in lead-based paint activities have already been developed or are in the process of development for the five disciplines specified in the regulations. These courses are: inspector technician, inspector/risk assessor, supervisor, planner/project designer, and lead abatement worker. Required course content for four of the five disciplines includes instruction in methods of risk reduction. In addition, inspector/risk assessors must learn how to develop an interim control plan and the minimum training curricula requirements for the planner/project designer course includes instruction in operation and maintenance planning. Because of the hazards to workers, residents and the environment associated with lead-based paint, training of specialists in the field and maintenance workers should include the most up-to-date methods of control to assure that exposure will be minimized in areas where abatement is not initially contemplated.

I. Administrative Requirements

This program is subject to matching share requirements. Awards shall be given only to applicants who can fund at least 5 percent of their programs from non-Federal sources, excluding in-kind contributions. (In-kind contributions are defined as the value of a non-cash contribution to meet a recipient's cost-sharing requirements. An in-kind contribution may consist of charges for real property and equipment, or the value of goods and services directly benefiting the EPA-funded project.) The recipient's matching share may exceed 5 percent.

The applicant must also provide proof of the organization's not-for-profit status.

II. Evaluation Process and Criteria

Preproposals submitted for the cooperative agreement solicited in this notice will be evaluated on a competitive basis by a review panel

composed of EPA and HUD staff members. The following factors will be considered in the evaluations of the preproposals.

A. Program Design

The course length should be approximately 8 hours, focusing on teaching workers the fundamentals of appropriate interim controls as well as hands-on demonstrations of the application and maintenance of these controls.

Preproposals should be developed in conformance with the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. Another relevant source soon to be available is a document currently under development by the National Institute of Building Sciences titled *Lead-Based Paint Operations and Maintenance Work Practices Manual*.

B. Program Experience

The applicant must include the following organizational information:

1. Experience with lead-related issues with an emphasis on lead-based paint.
2. Experience with the development of adult education courses particularly for workers with limited education or with language difficulties.
3. A summary of any lead-related courses taught and a description of the materials used to teach those courses.
4. Experience with providing hands-on training.
5. Qualifications of key personnel.

C. Budget

A detailed budget should be included that specifies the amount of money proposed for each element of the course curriculum as well as the non-federal share of the budget (at least 5 percent of the total excluding in-kind contributions).

III. Application Procedures and Notification of Selection

Preproposals are due by June 30, 1995. Preproposals should be approximately 10 pages in length and 7 copies of the proposal should be provided. Notice of selection as a possible award recipient will not constitute approval of the final proposal as submitted. Prior to the actual awarding of the cooperative agreement, representatives of the potential recipient and EPA will begin negotiations concerning various components of the program, such as funding levels and course materials. The project budget is anticipated to be in the range of \$200,000 to \$400,000.

Dated: May 10, 1995.

Lynn R. Goldman,

Assistant Administrator for Prevention, Pesticides and Toxic Substances.

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[FRL-5213-2]

Science Advisory Board; Notification of Two Public Advisory Committee Meetings

Pursuant to the Federal Advisory Committee Act, Public Law 92-463, notice is hereby given that two committees of the Science Advisory Board (SAB) will meet on the dates and times described below. All times noted are Eastern Time. All meetings are open to the public. Due to limited space, seating at meetings will be on a first-come basis. For further information concerning specific meetings, please contact the individuals listed below. Documents that are the subject of SAB reviews are normally available from the originating EPA office and are *not* available from the SAB Office.

1. Research Strategies Advisory Committee (RSAC)

The Research Strategies Advisory Committee (RSAC) will meet on June 15-16, 1995, at the Holiday Inn, 550 C Street SW., Washington, DC. The meeting will begin at 8:30 a.m. and end no later than 5:00 p.m. The RSAC routinely reviews broad issues related to the planning and management of research activities within the Agency. At this meeting, RSAC will receive briefings from the Office of Research and Development (ORD) on its process for developing priorities for the FY 1997 Budget and the Research Priorities that the Agency will consider in the formulation of that Budget. Based on these presentations, RSAC may offer recommendations to the Agency on the process, the overall directions of the research and the specific priorities that the Agency is currently considering. In addition, RSAC will discuss its own mission and function statement and criteria that may be used to develop priorities for research.

Members of the public desiring additional information about the meeting, including an agenda (after May 30), should contact Ms. Mary Winston, Staff Secretary, Science Advisory Board (1400F), U.S. EPA, 401 M Street SW., Washington, DC 20460, by telephone at (202) 260-6552, fax at (202) 260-7118, or to the Designated Federal Official, Dr. Edward Bender at (202) 260-2562, or