MANAGEMENT PLAN FOR AHERA COMPLIANCE

Scholarship Prep Charter School Santa Ana

1010 W 17th Street

Santa Ana, CA 92706

PREFACE

To protect the health and safety of school children and teachers from asbestos hazards, President Reagan signed into law the Asbestos Hazard Emergency Response Act (AHERA) in October 1986. Under EPA'S final rule for AHERA, published in the Federal Register of October 30, 1987, Local Education Agencies (LEA's) for public and private schools, kindergarten through 12th grade, are required to identify all asbestos-containing materials (ACM) in their facilities and develop Management Plans for the abatement and monitoring of the ACM. These plans must be submitted to the State agency responsible for administering AHERA (the Office of Local Assistance for the State of California) by May 9, 1988, and implementation of the plans must be initiated by July 9, 1989. To ensure that the work is done correctly, EPA-AHERA requires that the persons performing the asbestos inspection and management planning be properly trained and accredited. Further, to ensure that the identified asbestos is maintained in a safe condition until removed, AHERA requires that the schools' custodial and maintenance staffs be trained in asbestos awareness and management and that periodic surveillance and reinspection of the ACM be undertaken. Substantial fines and criminal penalties can be levied on LEA's failure, to comply with the provisions of AHERA.

This document is the Asbestos Management Plan for Scholarship Prep Charter School - Santa Ana (SPCS), a charter school located within the boundaries of the Orange County Unified School District, in Orange County, California. It is being submitted to the California State Office of Local Assistance in compliance with AHERA. It identifies the asbestos-containing building materials (ACBM) found in its school and presents the plans for either removing the ACBM or maintaining it in a safe condition through an operations and maintenance (O&M) program. It also contains the School's plans for reinspection, periodic surveillance, training, and notification of the employees and parents.

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 1 – CONTACT INFORMATION

Local Education Agency and School Information	
Local Education Agency: Scholarship Prep	Telephone Number: 714-795-3498
Address: 1010 W 17th St, Santa Ana, CA 92706	
Name of School: Scholarship Prep Charter School	Telephone Number:N/A
Address: N/A	County: Orange

Designated Person Information			
Name of Designated Person: Jacklyn Moreno		Telephone Number: 951-300-8975	
Address: 770 The City Dr. S Orange, CA 92868			
Course Name:	Training Agency:	Date:	Hours of Training:
Asbestos O&M Initial	NATEC International, Inc.	tbd	16

Management Planner(s) The following management planner(s) has developed/contributed to this plan and is accredited under the state accreditation program or another state's accreditation program or an EPA-approved course.		
Name: Victor Ruiz		Telephone Number: 714-899-8900
Firm: Patriot Environmental Laboratory Servics		
Address: 1041 S. Placentia Avenue, Fullerton, CA 92831		
State of Accreditation/Accreditation Number: California, Certified Asbestos Consultant No. 15-5589		
Course name:	Date:	Training Agency:
Name:		
Firm:		
Address:		
State of Accreditation/Accreditation Number:		
Course Name:	Date:	Training Agency:

ATTACHMENTS

- Copy of Designated Person's asbestos-related training certificates suggested, but not required by EPA
- Copy of accreditation certificate for Management Planner(s) suggested, but not required by EPA

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 2 – SCHOOL BUILDING LIST

List each building used as a school building for this school (e.g., on-site administration building, maintenance building, storage building and any off-site building used for classrooms, etc.). List the date of the original construction and any subsequent additions. Place an "X" in the appropriate column to note whether the building has friable ACBM, non-friable ACBM, friable and non-friable suspected ACBM assumed to be ACM or no ACBM (i.e., no ACBM at the time of construction). If there is no ACBM in the building as a result of a removal action, note "removal" and insert the date (e.g., removal - 2/10/04) in the "No ACBM" column.

Name of Building	**Address**	**Construction Date(s)**	**Friable ACBM***	**Non-Friable ACBM**	**Friable and Non-Friable Suspected ACBM Assumed to be ACM****	**No ACBM**
Building 100	1010 W 17th St, Santa Ana 92706					X
Building A – Building A Walls and Ceilings	1010 W 17th St, Santa Ana 92706			X		
Building A – Rooms 303, 301, 305 Ceilings	1010 W 17th St, Santa Ana 92706					X
Building A – Attic Walls	1010 W 17th St, Santa Ana 92706					X

* ACBM – Asbestos – Containing Building Material

** ACM – Asbestos – Containing Material

Date: 11/8/21 and 10/21/21

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 3 – DESIGNATED PERSON ASSURANCES

In accordance with 40 CFR § 763.93(i) of the Environmental Protection Agency Asbestos-Containing Material in Schools regulation, the undersigned Local Education Agency (LEA) Designated Person (DP) hereby certifies that the following general responsibilities of the LEA under 40 CFR §763.84 have been or will be met.

1.Ensure that the activities of any persons who perform inspections, reinspection's, and periodic surveillance, develop and update management plans, and develop and implement response actions, including operations and maintenance, are carried out in accordance with Part 763, Subpart E.

2. Ensure that all custodial and maintenance employees are properly trained as required by Part 763, Subpart E and other applicable Federal and/or State regulations (e.g., the Occupational Safety and Health Administration asbestos standard for construction, the EPA worker protection rule, or applicable State regulations).

3. Ensure that workers and building occupants, or their legal guardians, are informed at least once each school year about inspections, response actions, and post-response action activities, including periodic reinspection and surveillance activities that are planned or in progress.

4. Ensure that short-term workers (e.g., telephone repair workers, utility workers, or exterminators) who may come in contact with asbestos in a school are provided information regarding the locations for Asbestos-Containing Building Materials (ACBM) and suspected ACBM assumed to be Asbestos-Containing Materials (ACM).

5. Ensure that warning labels are posted in accordance with § 40 CFR 763.95.

6. Ensure that management plans are available for inspection and notification of such availability has been provided as specified in the management plan under § 40 CFR 763.93(g).

7. Designate a person to ensure that requirements under § 763.84 are properly implemented and ensure that the designated person receives adequate training to perform duties assigned under § 763.84. Such training shall provide, as necessary, basic knowledge of: health effects of asbestos; detection, identification, and assessment of ACM; options for controlling ACBM; asbestos management programs; relevant Federal and State regulations concerning asbestos, including those in Part 763, Subpart E and those of the Occupational Safety and Health Administration, U.S. Department of Transportation and the U.S. Environmental Protection Agency.

8. Consider whether any conflict of interest may arise from the inter-relationship among accredited personnel and whether that should influence the selection of accredited personnel to perform activities under Part 763, Subpart E.

Name of Designated Person:
Jacklyn Moreno

Designated Person's Signature:	Date:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 4- EVALUATION OF RESOURCES

DATE:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 5 – TRAINING RECORD FOR MAINTENANCE AND CUSTODIAL STAFF

Every member of the maintenance and custodial staff who works in a building that contains ACBM must receive awareness training of at least 2 hours whether or not they are required to work with ACBM. Maintenance and custodial staff who conduct any activities that will result in the disturbance of ACBM must receive an additional 14 hours of training (total 16 hours of training). A record of the aforementioned training is required to be included in the AMP under 40 CFR §763.93(h) and 763.94(c) of the EPA Asbestos-Containing Materials in Schools regulation, 40 CFR Part Subpart E.

Employee Name (Please Print)	Job Title	Course Name	Training Agency	Date	Location of Training	Number of Hours Completed
Jacklyn Moreno	Facilities Coordinator	Asbestos O&M Initial	NATEC International, Inc.	tbd	Virtual	16
Tony Perez	Morning Custodian	Asbestos O&M Initial	NATEC International, Inc.	tbd	Virtual	16
Marisa Maugaotega	Evening custodian	Asbestos O&M Initial	NATEC International, Inc.	tbd	Virtual	16
Jesse Acevedo	night custodian	Asbestos O&M Initial	NATEC International, Inc.	tbd	Virtual	16

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 6 – INSPECTION COVER SHEET

Type of Inspection: [ ] Initial Inspection [ ] Reinspection [X] Limited Inspection	
Date of Inspection 10/20/21	
Building Assessed: Building A	Telephone Number: 714-795-3498
Address: 1010 W 17th Street, Santa Ana CA 92706	
Date of Original Building Construction: 1956	

Provide the date, description, and location of additions/renovations for this building e.g., new structural additions or application of surfacing material or fireproofing insulation. (Provide all heating system information in next section.)

October 20, 2021. The purpose of the inspection was to determine if asbestos is present in the plaster with button board drywall joint compound, and unfinished drywall materials for an upcoming renovation at the subject property.

Type of heating system:

Has any part of the heating system, including boiler(s), hot water pipes, water heater, etc., been renovated or replaced?
[ ] Yes [ ] No

Provide date, description and location of heating system renovations/replacements for this building:

The following inspector(s) conducted the inspection and is accredited under the state accreditation program, or another state's accreditation program or an EPA-approved course.				
1	Name: Victor Ruiz	State of Accreditation/Acc. No. CAC (15-5589)	Signature	Date
	Firm Patriot Environmental Laboratory Services, Inc	Address 1041 S Placentia Ave, Fullerton CA 92831	Telephone Number 714-899-8900	
	Course Name	Date	Training Agency	

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 6 – INSPECTION COVER SHEET

Type of Inspection: [ ] Initial Inspection [ ] Reinspection [X] Limited Inspection	
Date of Inspection 11/3/21	
Building Assessed: Building 100	Telephone Number: 714-795-3498
Address: 1010 W 17th Street, Santa Ana CA 92706	
Date of Original Building Construction: 1956	

Provide the date, description, and location of additions/renovations for this building e.g., new structural additions or application of surfacing material or fireproofing insulation. (Provide all heating system information in next section.)

The purpose of the inspection was to determine if asbestos is present in the drywall joint compound and texture materials for an upcoming renovation at the subject property.

Type of heating system:
Has any part of the heating system, including boiler(s), hot water pipes, water heater, etc., been renovated or replaced? [ ] Yes [ ] No
Provide date, description and location of heating system renovations/replacements for this building:

The following inspector(s) conducted the inspection and is accredited under the state accreditation program, or another state's accreditation program or an EPA-approved course.				
1	Name: Victor Ruiz	State of Accreditation/Acc. No. CAC (15-5589)	Signature	Date
	Firm Patriot Environmental Laboratory Services, Inc	Address 1041 S Placentia Ave, Fullerton CA 92831	Telephone Number 714-899-8900	
	Course Name	Date	Training Agency	

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 7 – ROOM/FUNCTIONAL SPACE ASSESSMENT *

Type of Inspection: [ ] Initial Inspection [ ] Reinspection	
Date of Inspection:	
Building Assessed/Address:	
Room/Functional Space:	Date of Original Building Construction:
Date and description of additions or renovations for this room/functional space:	

Type of Material (Check only one type of material - fill out additional copies of this form for other types of materials in this room/functional space): [ ]Surfacing [ ]Thermal [ ]Miscellaneous		
Material: [ ]Friable [ ]Non-Friable		
Description:		
Amount of Material (Note Linear or Square Feet)	Percent of Area	Homogeneous Area No.

Damage Assessment				
Type of Damage	**Yes**	**No**	**Amount of Material (Note Linear or Square Feet)**	**Comments (Severity, Cause)**
Deterioration (e.g., crumbled, blistered, or loss of adhesion)				

Physical Damage (e.g., scrape or gouge)				
Water Damage (e.g., water stains)				
Air Erosion (e.g, elevator shaft, fan room, or ventilator air stream)				
Vibration (e.g., music room, motor/engine, or ducts vibrating but no fan in area)				
Other				

Is powder, dust or debris present?	Location:
Is this material in a supply or return air plenum?	
Note the extent or spread of damage over large areas or large percentages of the homogeneous area:	

*Form 7 continued on next page

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 7 CONTINUED – ROOM/FUNCTIONAL SPACE ASSESSMENT

Potential for Contact with Material	
Accessibility	Comments
[ ] High - Workers in vicinity more than once/week or material is in a public area accessible to building occupants (e.g., hallway or auditorium) [ ] Moderate - Workers in vicinity once/month - once/week or material is in a room/office accessible to building occupants [ ] Low - Workers in vicinity less than once/month or material is visible but not within reach of building occupants	

Note the potential for disturbance of the material:

Assessment Category (Circle One)	
1. Damaged/Significantly damaged TSI 2. Damaged friable SURFACING ACBM 3. Significantly damaged friable SURFACING ACBM 4. Damaged or significantly damaged friable MISCELLANEOUS ACBM	5. ACBM with potential for damage 6. ACBM with potential for significant damage 7. Any remaining friable ACBM or friable suspected ACBM
Reason for classification:	

Preventative measures which might eliminate the reasonable likelihood of undamaged ACM from becoming significantly damaged:

The following inspector conducted the assessment and is accredited under the state accreditation program, or another state=s accreditation program or an EPA-approved course			
Name	State of Accreditation/Acc. No.	Signature	Date
Firm	Address	Telephone Number	
Course Name	Date	Training Agency	

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 8 – HOMOGENEOUS AREA/BULK SAMPLE SUMMARY

Type of Inspection: [ ] Initial Inspection [ ] Reinspection
Date of Inspection:
Building Assessed/Address:

Location Homogeneous Area (HA) (HA No. & Room/Functional Space	**HA Linear or Square Ft. (L or S)**	**Material Type (T, S, M)***	**Friable or NonFriable (F or NF)**	**Sampled or Assumed ACBM (S or A)**	**Exact Sample Location**	**Inspector's Sample No**	**Date Collected**

*Material Type: T -Thermal System Insulation, S - Surfacing, and M – Miscellaneous

Manner used to determine sampling locations:

The following inspector conducted the sampling and is accredited under the state accreditation program, or another state's accreditation program or an EPA-approved course.			
Name	State of Accreditation/Acc. No	Signature	Date
Firm	Address	Telephone Number	
Course Name	Date	Training Agency	

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 9 – HOMOGENEOUS AREA/BULK SAMPLE DIAGRAM

Type of Inspection: [ ] Initial Inspection [ ] Reinspection	
Date of inspection:	
Building Assessed/Address:	
Room/Functional Space	
Prepared By:	Date:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 10 – PLAN FOR REINSPECTION

All ACM will be reinspected by an accredited inspector every three years.

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 11 - RECOMMENDED RESPONSE ACTIONS

Building Assessed/Address:
Room Functional Space:

Provide a detailed description of the recommended preventive measures and response actions to be taken, including methods to be used for any friable ACBM, and the locations (list all HA's) where measures and actions will be taken:

Provide the reason for selecting the preventive measure or response action:

Provide the projected schedule for beginning and completing each preventive measure and response action:

Management Planner The following management planner has provided the aforementioned recommended response actions and is accredited under the state accreditation program or another state's accreditation program or an EPA-approved course.			
Name	State of Accreditation/Acc. No	Signature	Date
Firm	Address	Telephone Number	
Course Name	Date	Training Agency	

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 12 – IMPLEMENTATION OF RESPONSE ACTIONS

Building Assessed/Address:
Room Functional Space:

Provide a detailed description of each preventive measure and response action taken for friable and nonfriable ACBM and friable and nonfriable suspected ACBM assumed to be ACM, including methods used, and the location (list all HA's) where the measure or action was taken:

Provide the reason for selecting the preventive measure or response action:

Provide the actual start and completion dates for each preventative measure and response action:

Provide the names and addresses of all contractors involved and, if applicable, their state of accreditation and accreditation numbers:

If ACBM is removed, provide the name and location of the storage or disposal site of the ACM:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 13 – DESCRIPTION OF DIAGRAM OF ACBM TO REMAIN

Building Assessed/Address:
Room Functional Space:
Date:

Provide detailed description of any ACBM or suspected ACBM assumed to be ACM that remains in the school once response actions are undertaken and update the description as response actions are completed:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 14 – PLAN FOR OPERATIONS AND MAINTENANCE OF ACTIVITIES

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 15 – OPERATIONS AND MAINTENANCE OF ACTIVITIES

Building Assessed/Address:
Room Functional Space:

Provide the description of the activity, including preventive measures used, and the location where the activity occurred for those operation and maintenance activities specified under 40 CFR § 763.91(d) and, under 40 CFR § 763.94(g), for any major asbestos activity conducted under 40 CFR § 763.91(e):

Provide the name of each person performing the activity and for a major asbestos activity, provide the name, signature, state of accreditation and, if applicable, the accreditation number of each person performing the activity:

If ACBM is removed, provide the name and location of the storage or disposal site of the ACM:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 16 – CLEANING RECORD

Cleaning: [ ] Cleaning after initial inspection [ ] Additional cleaning approved by the LEA and conducted as part of an O&M program

Date of Cleaning:

Location Cleaned:

Cleaning methods used:

Names of persons performing the cleaning:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 17 – MAJOR/MINOR FIBER RELEASE EPISODE

Type of episode: [ ] Major Fiber Release [ ] Minor Fiber Release

Date of episode:

Describe the fiber release episode, including the location, type of ACBM, method of repair, and preventive measure or response action taken:

Provide the names of each person performing the work:

If ACBM is removed, the name and location of the storage and disposal site for the ACM:

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 18 – PERIODIC SURVEILLANCE PLAN/REPORT

Periodic Surveillance Plan: At least once every six months after the AMP is in effect, periodic surveillance will be conducted in each building that the LEA leases, owns, or otherwise uses as a school building that contains ACBM or is assumed to contain ACBM. At a minimum, surveillance is planned to be conducted during the fall and spring (insert alternate time frames and other details, as needed). Each person performing periodic surveillance must: visually inspect all areas that are identified in the AMP as ACBM or assumed ACBM, record the date of the surveillance, his or her name, and any changes in the condition of the materials, and submit a copy of the record to the DP for inclusion in the AMP.

			1st six months Date	2nd six months Date	
HA No	Description of ACBM	Area Inspected	ACBM Condition*	ACBM Condition*	Date ACBM Removed

* If no change in condition, write N/C

Surveillance Inspector's Name	**Surveillance Inspector's Signature**	**Date**

LEA NAME: **SCHOOL NAME:** Scholarship Prep Charter School

AMP FORM 19 – PLAN TO INFORM

[ATTACH NOTIFICATION]

Appendix A - Glossary

Unless otherwise noted with an asterisk (*), the following definitions contained in this Glossary can be found under 40 CFR §763.83:

Act means the Toxic Substances Control Act (TSCA), 15 U.S.C. 2601, et seq.

Accessible when referring to asbestos-containing material (ACM) means that the material is subject to disturbance by school building occupants or custodial or maintenance personnel in the course of their normal activities.

Accredited or accreditation when referring to a person or laboratory means that such person or laboratory is accredited in accordance with section 206 of Title II of the Act.

Air erosion means the passage of air over friable asbestos-containing building material (ACBM) which may result in the release of asbestos fibers.

Asbestos means the asbestiform varieties of: Chrysotile (serpentine); crocidolite (riebeckite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite. Asbestos-containing material (ACM) when referring to school buildings means any material or product which contains more than 1 percent asbestos.

Asbestos-containing building material (ACBM) means surfacing ACM, thermal system insulation ACM, or miscellaneous ACM that is found in or on interior structural members or other parts of a school building.

Asbestos debris means pieces of ACBM that can be identified by color, texture, or composition, or means dust, if the dust is determined by an accredited inspector to be ACM.

Damaged friable miscellaneous ACM means friable miscellaneous ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such

that its bond to the substrate (adhesion) is inadequate or which for any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

Damaged friable surfacing ACM means friable surfacing ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or which has delaminated such that its bond to the substrate (adhesion) is inadequate, or which, for any other reason, lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

Damaged or significantly damaged thermal system insulation ACM means thermal system insulation ACM on pipes, boilers, tanks, ducts, and other thermal system insulation equipment where the insulation has lost its structural integrity, or its covering, in whole or in part, is crushed, water-stained, gouged, punctured, missing, or not intact such that it is not able to contain fibers. Damage may be further illustrated by occasional punctures, gouges or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints. Asbestos debris originating from the ACBM in question may also indicate damage.

Designated Person means a person appointed by the Local Education Agency (LEA), under 40 CFR § 763.84 (g), who is trained to ensure the proper implementation of AHERA in school buildings. *

Encapsulation means the treatment of ACBM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers, as the encapsulant creates a membrane over the surface (bridging encapsulant) or penetrates the material and binds its components together (penetrating encapsulant).

Enclosure means an airtight, impermeable, permanent barrier around ACBM to prevent the release of asbestos fibers into the air.

Fiber release episode means any uncontrolled or unintentional disturbance of ACBM resulting in visible emission.

Friable when referring to material in a school building means that the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously nonfriable material after such previously nonfriable material becomes damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure.

Functional space means a room, group of rooms, or homogeneous area (including crawl spaces or the space between a dropped ceiling and the floor or roof deck above), such as classroom(s), a cafeteria, gymnasium, hallway(s), designated by a person accredited to prepare management plans, design abatement projects, or conduct response actions.

High-efficiency particulate air (HEPA) refers to a filtering system capable of trapping and retaining at least 99.97 percent of all monodispersed particles 0.3 μm in diameter or larger.

Homogeneous area means an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture.

Local education agency (LEA) means: (1) Any local educational agency as defined in section 198 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 3381). (2) The owner of any nonpublic, nonprofit elementary, or secondary school building. (3) The governing authority of any school operated under the defense dependent's education system provided for under the Defense Dependents' Education Act of 1978 (20 U.S.C. 921, et seq.).

Miscellaneous ACM means miscellaneous material that is ACM in a school building.

Miscellaneous material means interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include surfacing material or thermal system insulation.

Nonfriable means material in a school building which when dry may not be crumbled, pulverized, or reduced to powder by hand pressure.

Operations and maintenance program means a program of work practices to maintain friable ACBM in good condition, ensure clean up of asbestos fibers previously released, and prevent further release by minimizing and controlling friable ACBM disturbance or damage.

Phase contrast microscopy (*PCM*) refers to the procedure outlined in NIOSH Method 7400 for the evaluation of fibers in air samples.*

Polarized light microscopy (PLM) refers to the method outlined in 40 CFR § 763, Appendix E to Subpart E, for the identification of asbestos in bulk samples.*

Potential damage means circumstances in which: (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. (2) There are indications that there is a reasonable likelihood that the material or its covering will become damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

Potential significant damage means circumstances in which: (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. (2) There are indications that there is a reasonable likelihood that the material or its covering will become significantly damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. (3) The material is subject to major or continuing disturbance, due to factors including, but not limited to, accessibility or, under certain circumstances, vibration or air erosion.

*Preventive measur*es means actions taken to reduce disturbance of ACBM or otherwise eliminate the reasonable likelihood of the material's becoming damaged or significantly damaged.

Removal means the taking out or the stripping of substantially all ACBM from a damaged area, a functional space, or a homogeneous area in a school building.

Repair means returning damaged ACBM to an undamaged condition or to an intact state so as to prevent fiber release.

Response action means a method, including removal, encapsulation, enclosure, repair, operations and maintenance, that protects human health and the environment from friable ACBM.

Routine maintenance area means an area, such as a boiler room or mechanical room, that is not normally frequented by students and in which maintenance employees or contract workers regularly conduct maintenance activities.

School means any elementary or secondary school as defined in section 198 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 2854).

School building means: (1) Any structure suitable for use as a classroom, including a school facility such as a laboratory, library, school eating facility, or facility used for the preparation of food. (2) Any gymnasium or other facility which is specially designed for athletic or recreational activities for an academic course in physical education. (3) Any other facility used for the instruction or housing of students or for the administration of educational or research programs. (4) Any maintenance, storage, or utility facility, including any hallway, essential to the operation of any facility described in this definition of "school building" under paragraphs (1), (2), or (3). 24 (5) Any portico or covered exterior hallway or walkway. (6) Any exterior portion of a mechanical system used to condition interior space.

Significantly damaged friable miscellaneous ACM means damaged friable miscellaneous ACM where the damage is extensive and severe.

Significantly damaged friable surfacing ACM means damaged friable surfacing ACM in a functional space where the damage is extensive and severe.

State means a State, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the Northern Marianas, the Trust Territory of the Pacific Islands, and the Virgin Islands.

Surfacing ACM means surfacing material that is ACM.

Surfacing material means material in a school building that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

Thermal system insulation (TSI) means material in a school building applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.

Thermal system insulation ACM means thermal system insulation that is ACM.

*Transmission electron microscopy (*TEM) refers to the method outlined in 40 CFR § 763, Appendix A to Subpart E, for the identification of asbestos in air samples.*

Vibration means the periodic motion of friable ACBM which may result in the release of asbestos fibers.

Appendix B - Acronyms

ACM - Asbestos-containing material

ACBM - Asbestos-containing building material

AHERA - Asbestos Hazard Emergency Response Act

DOT - Department of Transportation

DP - AHERA Designated Person

EPA - U.S. Environmental Protection Agency

HEPA - High-efficiency particulate air

LEA - Local Education Agency

NIOSH - National Institute for Occupational Safety and Health

NIST - National Institute of Standards and Technology

NVLAP - National Voluntary Laboratory Accreditation Program

O&M - Operations and maintenance

OSHA - Occupational Safety and Health Administration

PCM - Phase contrast microscopy

PLM - Polarized light microscopy

TEM - Transmission electron microscopy

TSI - Thermal system insulation