

SECTION 01 43 28
TESTING LABORATORY SERVICES
for Hazardous Materials Abatement

PART 1 - GENERAL

1.01 DESCRIPTION

- A.** The Owner will provide Project Monitor and qualified Testing Laboratory to perform final clearance of testing of Work performed under Contract Documents to determine general compliance.
- B.** Owner's Project Monitor and Testing Laboratory will perform final clearance testing necessary to determine general compliance with Contract Documents, and observe and document on a regular basis the execution and progress of the Work. Such observation and documentation shall be for the sole benefit of Owner and shall not be construed in any way as to include responsibility for Contractor's means, methods, techniques, sequences or procedures involved with execution of the Work, nor shall such observation and documentation by Project Monitor and Testing Laboratory be construed to include responsibility for any safety programs or procedures either utilized or not utilized by Contractor during Work.
- C.** Provision of Project Monitor and Testing Laboratory by Owner to perform testing for Owner shall not relieve Contractor from providing its own testing for compliance with specifications. All testing laboratory services must be contracted directly by the General Contractor and must be a third-party to subcontractors actually performing the work.

1.02 WORK INCLUDED

- A.** Cooperate with Owner's Project Monitor and Testing Laboratory in all aspects of testing to expedite testing and results.
- B.** Provide the Owner's representative access to Work at all times and in all locations requested as necessary to perform testing.
- C.** Pay for retesting subsequent to noncompliance of preliminary or final air tests as required in Contract Documents.

1.03 WORK NOT INCLUDED

- A.** Selection of Project Monitor or Testing Laboratory
- B.** Payment for initial compliance testing and initial laboratory services.

1.04 QUALITY ASSURANCE

- A.** Environmental air testing shall be performed in general accordance with procedures outlined in the National Institute for Occupational Safety and Health (NIOSH) 7400 Method, with analysis by Phase Contrast Microscopy (PCM), and also will follow guidelines issued by Environmental Protection Agency (EPA) regarding detection limits.

When performing air clearance testing for abatement in a K-12 school building, the clearance testing shall be performed in general accordance with procedures outlined in NIOSH Method 7402 with analysis by Transmission Electron Microscopy (TEM), and also will follow guidelines issued by Environmental Protection Agency regarding detection limits.
- B.** Final air testing will be performed in general accordance with EPA "Silver Book" - Measuring Airborne Asbestos Following an Abatement Action (EPA 600/4-85-049, November, 1985).

1.05 PAYMENT FOR TESTING

- A.** Initial Services: The Owner will pay for regulatory specified events of project monitoring and final air clearance testing required by Contract Documents.

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- B.** Retesting: When final air clearance tests indicate noncompliance with Contract Documents, subsequent retesting will be performed by same Project Monitor and Testing Laboratory, and associated costs will be responsibility of Contractor. These costs may be deducted by Owner from Contract Sum by appropriate Modification.
- C.** Additional Testing: When additional testing is required due to Contractor noncompliance with Contract Documents, subsequent and additional testing shall be performed by Owner's Project Monitor and Testing Laboratory, and associated costs will be responsibility of Contractor. These costs may be deducted by Owner from Contract Sum by appropriate Modification.

1.06 SCHEDULING

- A.** Project Monitor and Testing Laboratory will perform tests in areas and at times during the Work as deemed necessary by the Project Monitor and Testing Laboratory and as specified in the Contract Documents.
- B.** Notify Project Monitor of need for preliminary and final air testing at least 24 hours prior to desired time of testing.
- C.** Coordinate other scheduling with Project Monitor as necessary.

1.07 RESULTS

- A.** Project Monitor and Testing Laboratory will perform all testing analysis promptly and issue results expeditiously in order to minimize any possible delay in the progress of the Work.
- B.** Test results shall be available to Owner, Designer, and Contractor as follows:
 - 1.** Air clearance results: 24 hours following tests, and
 - 2.** Results of other tests deemed necessary by Designer; as quickly as possible, but not earlier than 24 hours following completion of tests.
- C.** Air tests will be made both inside and outside of work areas. Contractor is cautioned, however, that should interpretations be made, opinions be formed, and conclusions be drawn by the Contractor as a result of examining the test results, that these interpretations, opinions and conclusions will be those made, formed and drawn solely by Contractor. Contractor is responsible for performing personnel air tests required for its evaluation of the safety of its employees.

END OF SECTION