

**ITEM 11202.05XX M - REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL
(BUILDINGS)**

DESCRIPTION

Under this item, the contractor shall remove and dispose of asbestos containing material from all interior and/or exterior locations of buildings designated in the contract documents or where directed by the Engineer or the Engineer's designee in accordance with the "site-specific variances" approved by the New York State Department of Labor (NYS DOL), Industrial Code Rule 56 or approved variance thereof promulgated by the United States Environmental Protection Agency (USEPA) and the Occupational Safety and Health Act (OSHA).

A partial list of applicable OSHA requirements is indicated below:

29 CFR 1910.1001	29 CFR 1910.2
29 CFR 1926.58	29 CFR 1910.1200
29 CFR 1910.134	29 CFR 1910.145

"Site Specific Variances" to Industrial Code Rule 56 have been issued for nearly all asbestos-containing materials (Note: removal of pipe insulation at M6-P6 shall follow Industrial Code Rule 56, Applicable Variance for glove bag removal). When appropriate, the removal of asbestos containing materials shall be performed in accordance with the provisions of these variance(s). Removal of any material not covered by the site-specific variances shall be performed in accordance with Industrial Code Rule 56 or any of its "Applicable Variances".

Asbestos containing material shall be disposed of in accordance with 40 CFR Part 61 and all other requirements and laws, rules and regulations of Federal and State agencies. Disposal sites which accept asbestos containing materials for disposal shall be permitted by the New York State Department of Environmental Conservation (NYSDEC) to accept such material for disposal. If disposed of out-of-state, the rules, regulations and laws of that state shall apply.

Additional project specific requirements may be found on the plans or elsewhere in the proposal in a note titled "Special Note-Asbestos Remediation Supplemental Requirements".

MATERIALS

All materials used in the performance of the work shall comply with all applicable regulatory standards. Respirators and filters shall comply with NIOSH and MSHA standards. All electrical equipment shall utilize ground fault interrupters and shall be listed by the Underwriters Laboratory. HEPA filtration systems shall comply with ANSI Z9.2-79.

CONSTRUCTION DETAILS

In addition to the requirements given above, the following shall also apply: Prior to beginning any work under this item, the contractor shall supply the Engineer with proof that the firm performing the work has a valid asbestos handling license, that its insurance coverage consists of an asbestos specific-occurrence type policy with no deductible or sunset clause, that its project supervisor is a DOL certified asbestos project supervisor, that all employees engaged in the work are properly certified and have current physical examinations and respirator fit tests, and that the proper notification of work beginning on the asbestos project has been given to NYSDOL and USEPA. Also, after the work is completed, the contractor shall provide the Engineer with a written certification ("Waste Shipment Record") that the material was disposed of in an approved waste disposal site. The certification shall include the name and address of the waste disposal site or sites used.

In the event of a conflict between these specification requirements and laws, rules and regulations of other Federal or State agencies, the more restrictive laws, rules or regulations shall apply.

Two copies of Daily Logs, Visitor's Logs, OSHA Air Monitoring records, and New York State Department of Labor compliance air monitoring records shall be provided to the Engineer.

METHOD OF MEASUREMENT

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The quantity of asbestos containing material to be measured for payment will be determined by one of the following methods:

- A. The quantity to be measured will be the actual number of square meters of asbestos containing material removed and disposed of in accordance with the contract documents and the site-specific variances, as measured by the project monitor.
- B. The quantity to be measured will be the actual number of linear meters of asbestos containing material removed and disposed of in accordance with the contract documents and the site-specific variances, as measured by the project monitor.

BASIS OF PAYMENT

The unit price bid for this work shall include the cost of furnishing all materials, labor, equipment and fees necessary to complete the asbestos removal and disposal work in accordance with the site-specific variances, plans, specifications, and applicable Federal and State laws, rules, and regulations.

Payment will be authorized in accordance with the following: Seventy-five percent (75%) of the total payment based on the measured quantity will be authorized for payment upon the project monitor's written concurrence with the asbestos contractor's certification that the building is visually free of asbestos and the removal of the asbestos containing material was performed as required and that the final clearance air monitoring results meet the acceptable level specified in Industrial Code Rule 56 and the building(s) are certified by the asbestos contractor to be available for normal demolition.

The remainder will be authorized for payment upon receipt by the Engineer of a certified statement from the disposal facility, signed by an official thereof, that the asbestos containing material has been accepted and disposed of in accordance with the site-specific variances, all applicable laws, codes and rules.

Payment will be made under the following:

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
11202.0501M	Removal and Disposal of Asbestos Containing Built-Up Roofing (Site Specific Variances 1140-95 and 1137-95)	m ²
11202.0502M	Removal and Disposal of Asbestos Containing Floor Tile Material (Site Specific Variance 1140-95)	m ²
11202.0503M	Removal and Disposal of Transite Ceiling Panels (Site Specific Variance 1140-95)	m ²
11202.0504M	Removal and Disposal of Asbestos Containing Wall Plaster (Site Specific Variance 1140-95)	m ²
11202.0505M	Removal and Disposal of Asbestos Containing Material - Glovebag Operation (Site Specific Variance 1140-95)	m ²
<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
11202.0506M	Removal and Disposal of Asbestos Containing Material - Glovebag Operation (Applicable Variance 91)	m ²
11202.0507M	Remove and Disposal of Asbestos Containing Roof Flashing (Site Specific Variances 1140-95 and 1137-95)	m ²
11202.0508M	Removal and Disposal of Asbestos Containing Floor Flashing (Site Specific Variance 1140-95)	m ²

