

SECTION 01 73 00
EXECUTION: FOR PROJECT CLEANING OF PROJECT SITE

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Description: Section includes general administrative and procedural requirements for progress cleaning and dust control during execution of the Work.
- B. General Requirements: Reference Drawings and General Provisions of the Contract, including General and Supplemental Conditions and other Division 01 sections apply to the Work in this section.
- C. This section applies to all technical specification sections and supplements the General Conditions.

1.2 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

- A. Section 010100, General Requirements / Scope of Work
- B. Section 010400, Quality Control
- C. Section 017700, Closeout Procedures

1.3 REQUIREMENTS INCLUDED

- A. Conform to applicable requirements of the following:
 - 1. NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations.

1.4 QUALITY ASSURANCE

- A. Comply with requirements in Section 010400.
- B. Inspection: Conduct daily inspection, and more often if necessary, to verify that requirements of cleanliness are being met.
- C. Occupied Areas: During periods of occupancy by the Owner, clean areas at end of shift. At a minimum, clean debris from occupied areas, dust, and vacuum daily. Occupied areas shall be safe, clean, and free of dust.
- D. Codes and Standards: In addition to requirements described in this section, comply with pertinent requirements of the Authorities Having Jurisdiction (AHJs).

PART 2 - PRODUCTS

2.1 CLEANING MATERIALS AND EQUIPMENT

- A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of surfaces to be cleaned. Do not use cleaning agents that are potentially hazardous to health and property or that might damage finished surfaces.
- B. Purchase required equipment and materials needed to maintain specified standard of cleanliness.
- C. Equip vacuum cleaners used on the Project with high efficiency particulate air (HEPA) filtration system capable of trapping and retaining at least 99.97 per cent monodisperse diethylphthalate particles (DOP) with mean particle diameter of 0.3 micrometer.

PART 3 - EXECUTION

3.1 PROGRESS CLEANING

- A. General:
 - 1. Clean Project Site and work areas daily, including common areas. Enforce requirements strictly. Dispose of materials lawfully.
 - 2. Project site and nearby areas including municipal and state roads must be maintained free of debris, fugitive dust, and wastes resulting from the Project.
 - 3. Comply with requirements in NFPA 241 for removal of combustible waste materials and debris.
 - 4. Containerize hazardous and unsanitary waste materials separately from other waste. Mark containers appropriately and dispose of legally according to regulations. Use containers intended for holding waste materials of type to be stored
- B. Clean areas where work is in progress to level of cleanliness necessary for proper execution of the Work. Remove liquid spills promptly.
- C. Retain stored items in orderly arrangement allowing maximum access and not impeding drainage or traffic and providing protection of materials.
- D. Keep installed work clean. Clean installed surfaces according to written instructions of manufacturer or fabricator of product installed using only cleaning materials specifically recommended. If specific cleaning materials are not recommended, use cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces.
- E. Do not allow accumulation of scrap, debris, waste material, and other items not required for construction of the Work.
- F. Remove debris from concealed spaces before enclosing the space.

- G. Clean exposed surfaces and protect as necessary to ensure freedom from damage and deterioration at time of Substantial Completion.
- H. Do not bury or burn waste materials on-site. Do not wash waste materials down sewers or into waterways.
- I. During handling and installation, clean and protect construction in progress and adjoining materials already in place. Apply protective covering where required to ensure protection from damage or deterioration at Substantial Completion.
- J. Clean and perform maintenance on completed construction as frequently as necessary through remainder of construction. Adjust and lubricate operable components to ensure operability without damaging effects.
- K. Site:
 - 1. Weekly, and more often if necessary, inspect arrangements of materials stored on the Project Site. Arrangements shall meet the requirements of Paragraph 3.1.C above.
 - 2. Maintain Project Site in neat and orderly condition, free of waste materials, fugitive dust and debris.

3.2 DUST CONTROL

- A. Maintain continuous cleaning and wetting procedures to control dust pollution at Project Site and haul routes as required by the AHJ and the Contract Documents.
- B. Vacuum clean with HEPA type filter and wipe interior surfaces of building weekly and at completion of the Work in each area. Cover desks, tables, work surfaces, and educational and teaching aids with drop clothes. Remove drop cloths once Work is complete and dispose of in a manner to avoid contamination of work area. Continue vacuum cleaning on as-needed basis until building is ready for Substantial Completion or occupancy. Do not sweep area that can be vacuumed.
- C. Schedule cleaning so that resultant dust and contaminants will not fall on wet or newly coated surfaces.
- D. Take measures to ensure dust does not infiltrate heating and ventilation system.
- E. Take measures to ensure dust does not infiltrate into areas of the building outside the Work area.

3.3 FINAL CLEANING

- A. Comply with requirements in Section 017700.

END OF SECTION