

STANDARD SPECIFICATION
SECTION 01035
COMPUTER ROOM PROCEDURES

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PART 1 - GENERAL

1.01 SCOPE

- A. Computer rooms and/or areas are to be considered "clean environments". This definition applies to all areas in the Computer Annex of Building 880, as well as several smaller computer rooms scattered throughout Sandia. These procedures apply to all equipment occupied computer areas that have raised access flooring only, unless otherwise specified on the drawings.
- B. All work that produces a residue, odor or contaminant either in the air or on any surface shall be governed by this specification.

1.02 COORDINATION

A formal or informal preconstruction conference will be required. The Contractor and all subcontractors are required to attend and be prepared to discuss the technical and administrative questions as well as develop procedures which will protect SNLA material and operations. SNLA computer operations personnel will also attend and work out an acceptable work schedule with the Contractor.

PART 2 - PRODUCTS (Not applicable)

PART 3 - EXECUTION

3.01 PROCEDURES

- A. Work inside the computer areas shall be kept to a minimum. All cutting, welding, etc. shall be performed outside the room if at all possible in an area approved by the Sandia Delegated Representative (SDR). All parts, tools, materials and anything else brought inside the computer area shall be thoroughly cleaned before access is permitted. Brush off any dirt or scale on the inside and outside of conduit and pipes.
- B. Cutting of floor tiles, stringers and pedestals shall be performed outside the computer area or in an area approved by the SDR. Cutting of all ceiling tiles shall be performed outside the computer area.

- C. Any work that must be performed in place shall be performed in the following manner:
1. All equipment in the vicinity shall be thoroughly protected before work commences. Absolutely no tools, drop clothes or any material shall be placed on top of the equipment. Support drop clothes from the ceiling at least two feet above any computer equipment and provide whatever is necessary to support tools and material.
 2. A vacuum cleaner shall be in continuous operation any time cutting, filing or any other work that produces residue is underway. This explicitly requires particles to be removed via vacuum during the operation producing the particles.
 3. All welding, soldering or fume producing operations that must be done inside the computer room must be power ventilated to the exterior of the building. The Contractor is responsible for providing all materials and equipment to comply with this requirement. No fume producing operation shall commence until the SDR has approved the ventilation apparatus.
 4. All tools and materials shall be removed from the computer area at the end of the work day or placed in a location approved by the SDR.
- D. Because of the air circulation requirements, no more than five raised floor tiles shall be removed at any one time without prior approval of the SDR.
- E. All utility outages must be scheduled through the SDR.

END OF SECTION