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670.05

Designer Note: Discuss with Implementation (Materials) prior to including this provision. Requires the Contractor to provide an acceptable storage area for nuclear density equipment. Would be primarily for major earthwork or bituminous resurfacing projects that require a field laboratory. If Materials requests on-site storage but no field laboratory, then the cost of furnishing the vault shall be included in the Engineer's Field Office of the type specified and the pay item must reflect this change. 7-1-94 – Revised Article.

EQUIPMENT VAULT FOR NUCLEAR TESTING EQUIPMENT

Effective June 24, 1993

Revised November 8, 2019

Add the following to the list of equipment and furniture to be furnished under Article 670.05 Engineer's Field Laboratory.

A cabinet or vault shall be provided for the nuclear density equipment which shall have a suitable barrier system of concrete, steel, lead, or other radiation barrier material and shall remain at the job site. The vault shall be located in a secure, weather-proof location and be a minimum of 15' from any work station and approved by the RSO. It shall have a dimension capable of holding the number of units being stored at the site and shall have a lock for security to prevent intruders from gaining access to this equipment. All walls and doors of the unit shall be sufficient thickness to prevent any radiation leakage from the equipment should a malfunction result which would allow this leakage.

The cost of furnishing the equipment vault will not be paid for separately but shall be considered as included in the unit cost for ENGINEER'S FIELD LABORATORY.