

Base Engineer Storage Shed. FAC: 4422

CATCODE: 219947

OPR: AFCEC/COS

OCR: AFCEC/CFT

1.1. **Description.** The Base Civil Engineer (BCE) is responsible for a wide variety of design, construction, operation, maintenance, and environmental planning functions on base facilities and utilities systems. This facility provides covered storage for installation and maintenance equipment and supplies that do not need warehouse storage but do need protection from the weather. Items stored in this facility usually include steel, vitreous clay, concrete pipe, roofing material, crating material, and certain plumbing and electrical supplies.

1.2. **Requirements Determination.** The BCE complex should provide a professional, functionally integrated environment for personnel performing management, training, administrative, design, and planning tasks and for personnel performing functions such as carpentry, metal working, electrical, pavements and grounds, and other skilled labor tasks. Additional information may be obtained from AFCEC/COS and AFCEC/CFT. Refer to **CATCODE 213335** for fueling station and pump authorizations.

1.3. **Scope Determination.** The size is approximately equal to the size of the Base Engineer Maintenance Shop (**CATCODE 219944**). In arctic regions, the ratio of shed space to shop space can vary from 0.0 to 4.0, depending on the amount of shed space allowance transferred to Base Engineer Covered Storage Facility (**CATCODE 219946**), and on the amount of Base Civil Engineer Open Storage (**CATCODE 452255**) transferred to covered storage or sheds. Plan for 0.46 m² (5.0 ft²) of combined storage (**CATCODEs 219946, 219947 and 452255**) for each square meter of zonal maintenance space.

1.4. **Dimensions.** Per paragraph 1.3 above, the total quantity of BCE Storage Shed space is approximately equal to the total quantity of **CATCODE 219944** space that the organization earns. Storage shed space can be utilized in multiple locations within the BCE complex, rather than one large shed, if that serves the needs of the Operations Flight better.

1.5. **Design Considerations.** Contact OPR for the latest guidance on design considerations.