

The Appointed or Designated Stacking and Storage Supervisor must oversee all stacking and storage activities on site, to ensure that the correct procedures are followed and to maintain control and order over the activity.

When stacking and storing cement, environmental conditions such as, weather, moisture etc must be taken into consideration.

Hazards related to the specific material must be communicated pre-task to all involved in the task.

STORING OF CEMENT ON SITE – GUIDELINES

- Store cement in a building which is dry, leak proof and as moisture proof as possible.
- There should be minimum number of windows in the storage building.
- Stack the cement bags off the floor on wooden planks in such a way, so that it is about 150 mm to 200 mm above the floor.
- The floor may comprise of lean cement concrete, or two layers of dry bricks laid on well consolidated earth.
- Maintain a space of 600 mm all-round between the exterior walls and the stacks.

Arrangement in cement

- Stack the cement bags close to each other to reduce circulation of air.
- The height of stack should not be more than 10 bags to prevent the possibility of lumping under pressure.
- The width of the stack should not be more than four bags length or 3 meters.
- In stacks more than 8 bags high, the cement bags should be arranged alternately lengthwise and crosswise, to tie the stacks together and minimize the danger of toppling over.
- Stack the cement bags in such a manner to facilitate their removal and use in the order in which they are received.
- Put label showing date of receipt of cement on each stack of cement bags to know the age of cement.
- When it is required to store cement for a long period of time or during the monsoon; completely enclose the stack by a water proofing membrane such as polyethylene.
- Different types of cement must be stacked and stored separately.

PPE Provisions must be made for:

Head protection	-	HARD HATS
Foot protection	-	SAFETY BOOTS/STEEL TOE BOOTS
Hi-Visibility Clothing	-	VESTS
Body protection	-	OVERALLS
Eye protection	-	SAFETY GLASSES/GOGGLES
Hand protection	-	GLOVES
Airways	-	DUST MASK IF APPLICABLE

NB- PRODUCT/MANUFACTURER SPECIFICATIONS AND COMPANY SAFE WORKING PROCEDURES AND RISK ASSESSMENTS MUST ALWAYS BE CONSULTED BEFORE ANY TASK IS UNDERTAKEN.