**Flow Chart**

**The Process of Making Cement**

The flow chart describes the process of making cement. The two raw materials used in the process are limestone and clay. Limestone is crushed, sized and dried. After that, it is stored in the storage silos. Similarly, clay is washed, crushed ,dried and stored in the storage bins . The crushed limestone and clay are mixed in correct proportions. The formation is known as slurry. The slurry is fed into the rotary kiln where it is burnt at a higher temperature (1000 ° C). A chemical reaction takes place and clinkers are formed. Now gypsum is added to the clinker. The mixture is powdered and sent to the storage silos. Eventually the finished product is ready in the form of cement. In this way cement is made.

Raw Materials

Lime stone

clay

crushed

washed

sized

crushed

Dried

Dried

Stored in silos

Stored in bins

Mixed in correct proportion

Slurry is formed

Fed into the rotary kiln

Burned at 1000°C

Clinkers are formed

Gypsum is added

powdered

Stored in silos

Cement is ready