

Fly Ash/Pond Ash Bricks

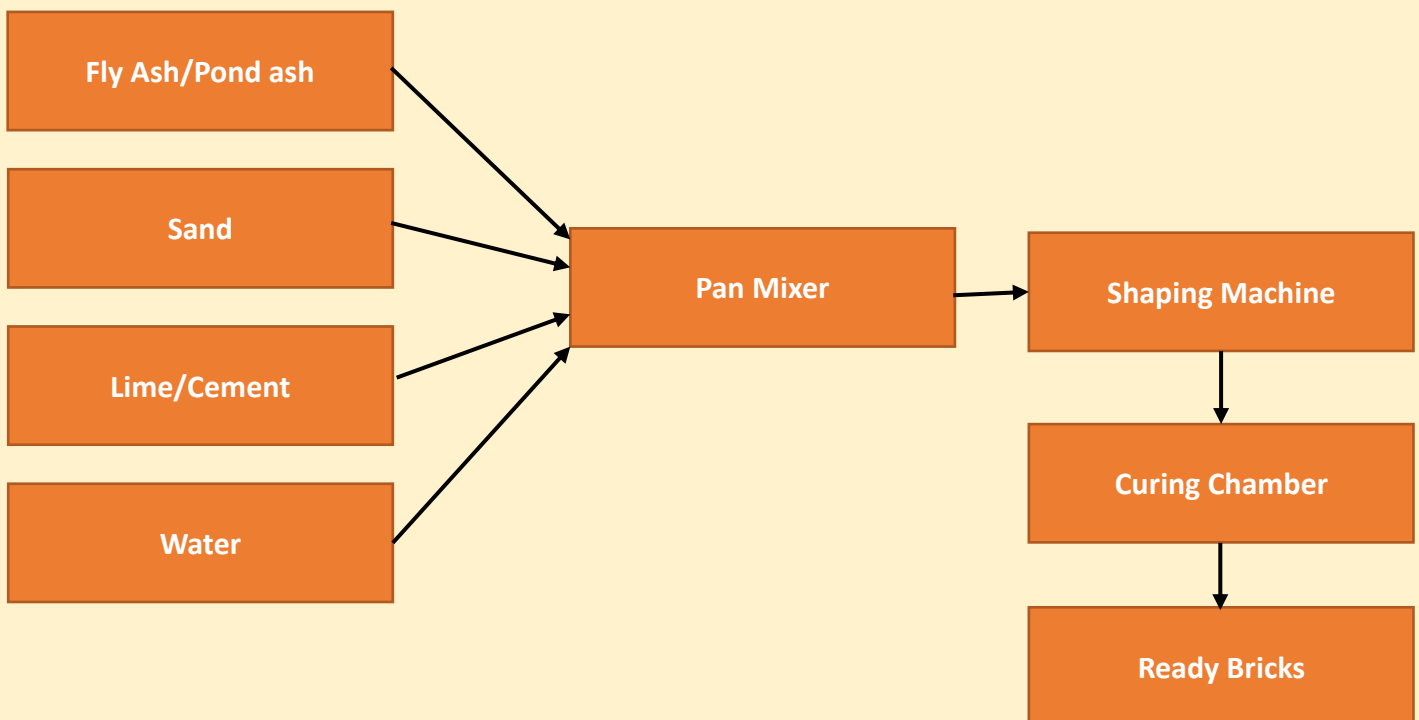


A clean & Green Product for construction work

Advantages of Fly Ash/Pond Ash Bricks

- Fly ash/Pond ash bricks are produced with/without frog.
- Plaster thickness required will, be less compared to clay bricks, thus saving of cement mortar.
- These bricks are environment friendly as:
 - It uses fly ash/pond ash, which is by - product of thermal power stations.
 - Saves agricultural land which is used for manufacturing clay bricks.
 - Less energy intensive compared to clay bricks and helps in keeping clean environment.

Manufacturing Process



- Fly Ash Bricks are machine made bricks manufactured by hydraulic or vibratory press
- Raw material required are fly ash & pond ash - a by-product of thermal power station, hydrated lime, gypsum, locally available sand/stone dust and water.
- Ordinary Portland Cement can also be used in place of hydrated lime and gypsum.
- Raw materials in the required proportion are mixed in the pan mixer to have a semi dry uniform mix.
- Semi dry mix is placed in the moulds of hydraulic/vibro press.
- Moulded bricks are air dried for one/two days in a shed depending upon the weather conditions and then water cured for 14-21 days.
- The bricks thus produced are sound, compact and uniform in shape.
- Bureau of Indian Standards have issued code IS:12894-2002 for ash bricks.