

Pyro-Process in Cement Industr

Objective:

Pyro-process is the most important process in a cement plant, and clinker quality is almost the final product (cement) quality. Additionally, productivity of the pyro-process system determines the productivity of the plant. Cost incorporated in the pyro-process affects greatly that of the plant. The course provides participants with the theoretical and practical knowledge of pyro-process; that enables them to understand different variables and parameters interrelation. This understanding leads to well controlling the system, hence, well managing the plant.

Participants:

The course addresses professionals with some years of experience working in the field of Process Engineering, Production, Laboratories and Quality Control.

Course Outlines:

Details of the session are

Main title: Pyro-Process in Cement Industry

1. Rotary kiln system
2. Preheater and Precalciner
3. Fuel and burners
4. Kiln control variables
5. Kiln operation techniques
6. Kiln thermal loads
7. Bypass and circulation phenomenon in dry rotary cement Kilns
8. Clinker coolers and types of coolers
9. EP and Bag filters
10. Refractory in Cement rotary kilns