



P.T. PERKASA INDAH INDONESIA CEMENT PUTIH ENTERPRISE

PHASE - 5 CEMENT PLANT PROJECT

KILN FIRING CEREMONY



**MONDAY, 16 MARCH 1981
CITEUREUP, CIBINONG, BOGOR
INDONESIA**

PROJECT MILESTONE

Site Set Up	15-09-79
First Piling	22-12-79
Construction of Foundation	03-03-80
Construction of Silo	26-03-80
Mechanical Erection	27-05-80
Electrical Installation	08-11-80

WHITE CEMENT SPECIALTIES

Indocement White Cement is designed to comply with the requirements of ordinary portland cement of: J.I.S. R.5210 or A.S.T.M. standard specification C 150.

Indocement White Cement:

- Has literally pure and uniform whiteness
- Can be colored beautifully to desired colours by mixing pigments
- Has hydraulic property which is the characteristic of ordinary portland cement
- Develops strength better than ordinary portland cement, and
- Has high durability and resistance against corrosion

Because of these outstanding characteristics, Indocement White Cement will be the most suitable cement for decorating buildings and structures. Some of its recommended uses are: Mosque roofs, interior and exterior walls of building, factory, warehouse; marking safety zones and air-field-boundary lines; tiling works in kitchen, bathroom; park facilities, swimming pools; making concrete products such as asbestos-cement slates, artificial stones, terrazzo, tile, flooring block and coloured block; etc.

SPECIAL FEATURES

The annual production capacity of 200,000 ton is so far the greatest one amongst those in white cement plants in the world. The most advanced production know-how adopted from Japan enables the plant to be the most efficient white cement plant all over the world.

The followings are some of its special features:

HIGH PURITY RAW MATERIAL - All raw material for the production of white cement should be pretreated and refined to meet the requirement of the process.

RAW MATERIAL PROPORTION - An X-ray analyzer and a process computer is applied to control raw mix proportioning. The automatic sampling instantaneous testing and automatic feed setting ensure consistent composition of the raw meal making kiln operation smoother.

RAW MATERIAL DRYING BY WASTE GAS - Waste heat from kiln is fully utilized to dry the raw material to reduce the total heat consumption of the whole plant.

AIR POLLUTION CONTROL - High efficient electrostatic precipitator from France and many other filter bags are applied to put the air pollution under strict control.

CENTRALIZED CONTROL PANEL FOR CLINKER PRODUCTION - Clinker production is monitored and controlled in a centralized control panel furnishing closer supervision, better coordination and more efficient control of the all production activities.

SPECIAL QUENCHING METHOD - The red hot clinker produced from kiln is quenched with a special method to cool it down rapidly yet to retain its strength and whiteness.

SPECIAL TECHNIQUE FOR CLINKER BURNING - Owing to the low flux content in the raw material, the white cement clinker is much difficult to be formed than ordinary grey cement.

It takes quite a long time of intensive training to master the advanced technique of burning. Thus, Indocement sent a special group of trainee to attain the technique, and they are now the basic members of the plant.