

ODiN in cement production

Customer: LafargeHolcim



ODiN MEETS CEMENT PRODUCTION

Successful start in the cement industry

The optimization of production processes plays an important role in strong competition. That is why predictive maintenance is considered more often. Our intelligent solution for this - ODiN – is the first of its kind in the cement production in the Philippines.

The production of cement is a complex process. In recent years, the industry has developed more and more into a high-tech sector.

ODiN improves cement production in the Philippines

Lafarge Holcim's challenge was to monitor the key indicators of the hydraulically operated clinker cooler with ODiN in order to detect possible failures in good time.

The clinker cooler is an essential component of the cement production. If it stops working, the entire production must stop within 5 minutes. Therefore, the sensors on the hydraulic system were installed in such a way that they send the essential physical quantities to the ODiN platform for analysis. Therefore the central HPU, the cooling unit, tank and filter, as well as cylinders and valves are monitored.

Employees of Lafarge Holcim will receive regular reports about the system behavior of their machine.

Intercoastal, Rexroth's service partner in the Philippines, interprets the information provided by ODiN and gives recommendations for action to the maintenance technicians on site.

AT A GLANCE

Customer: LafargeHolcim Ltd.

Location: Bulacan, Philippines

Current status:

August 2018 implementation ODiN

Oct 2018 anomaly detection

Further planning:

ODiN will be implemented in further plants in 2020

Decisive motivation to buy:

More information about the behavior of own system and plannable maintenance

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LAFARGE HOLCIM LTD.

Business activities:

Suppliers of cement and aggregates + ready-mix concrete and asphalt including services

Industry:

Cement industry

Employees:

80,000

Headquarters:

Switzerland