

788 Batching System Achieves EU Goals

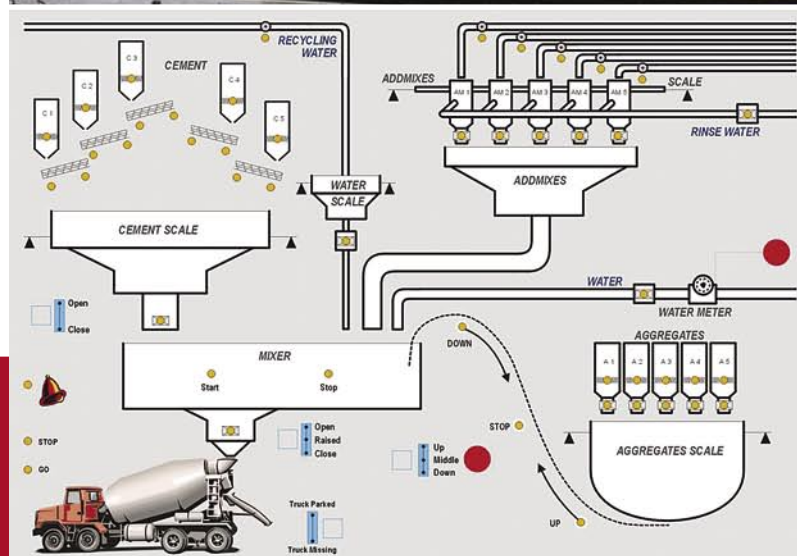
ON THE JOB: This particular 788 application is installed in a number of batching plants in Poland and controls the production of concrete. When Poland joined the European Union, Polish concrete producers had to change their production methods and present the customer with a production ticket as described in the European Union Norm (EU-206). To fulfill that requirement concrete producers had to have a computer system which was able to run the production job and afterwards print a report of every order stating the amounts from a formula, real dosage and errors.

Cardinal's dealer in Poland, Technika, created a 788-based batching system to achieve these production goals. After installation and parameter setting, the operator selects the formula and enters the amount of concrete to produce. All the rest is done by the system which weighs the components according to the formula (up to 5 different aggregates, up to 5 different cements, water, admixes). Cardinal's 788 is run by a program which opens the gates of aggregates, controls the conveyors, and checks the weight in real time. The water is measured by an electric meter. The aggregates are delivered to the mixer by a skip, but the system can also run on a conveyor belt. Up to 999 different formulas are maintained and crucial parameters are protected by password.

The system can help small producers of concrete to compete with large international corporations in terms of quality.

Equipment Used:

- 788 Programmable Indicator
- 2-3 Scale Input Cards
- 3 DIO Cards
- RS-232 Connected Printer
- Relay Box



Application compliments of:
Technika
 Krakow, Poland