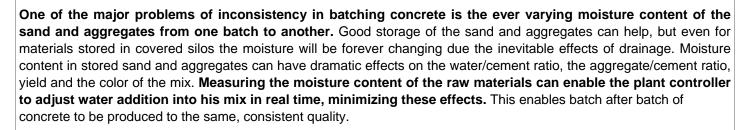
Moisture Measurement in Concrete Production

Hydronix sensors were originally designed for moisture measurement in concrete production, and are built to survive the harsh environment of flowing aggregates and the turbulence of a concrete mixer. Manufacturers need to produce quality concrete to a rigorous specification, batch after batch while keeping costs to a minimum.

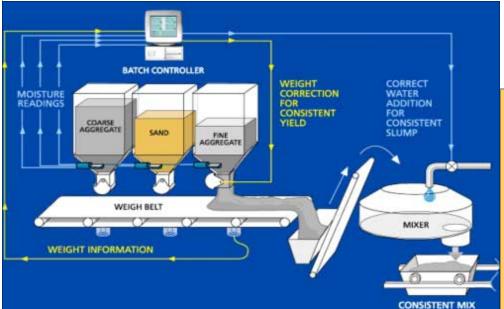
Benefits

- Consistent batch quality
- Consistent batch sizes when using the Hydro-Probe
- Alarm function for high or low moisture contents
- Reduction in cement use
- Reduction in wastage due to incorrect moisture or slump
- Reduced mix cycle times



The installation of moisture measurement sensors into the manufacturing process provides the producer with an on-line system that operates in real time and enables the accurate control of the water/cement or aggregate/cement ratios. Knowing the moisture levels of the raw materials allows the producer to accurately calculate not only the amount of water to be added to the mix but also the correct amount of cement and aggregates. This will reduce costs and also the level of rejected batches.

Hydronix microwave moisture measurement sensors can be installed in a variety of locations depending upon the individual requirements of the plant. The **Hydro-Probe** can be installed either in or underneath an aggregate bin and measures moisture as the raw material exits the bin. Alternatively it could be mounted above a conveyor and measure the aggregate as it flows past the sensor face plate. The **Hydro-Mix** has been designed to fit level with the floor and



measures moisture in the mixer. Alternatively, the **Hydro-Probe Orbiter** can be mounted to the scraper arm or the side of the mixer and measures moisture content directly

For More Information or to Get a Brochure,
Contact Your Hydronix Dealer:

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