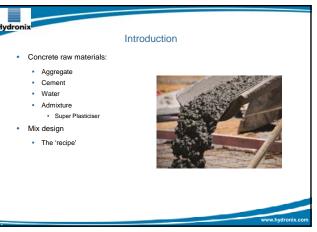
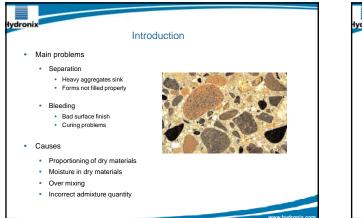


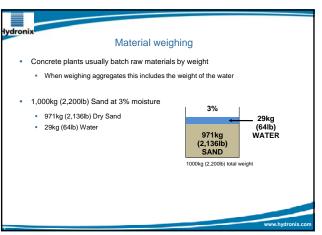
Quality Control and Robustness of SCC, Part 2

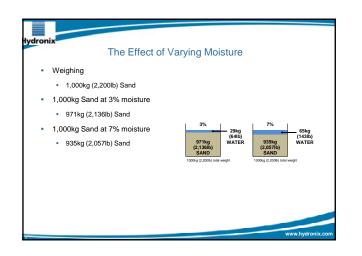
ACI Spring 2012 Convention March 18 – 21, Dallas, TX Neal Cass, Technical Sales Manager Hydronix Ltd.

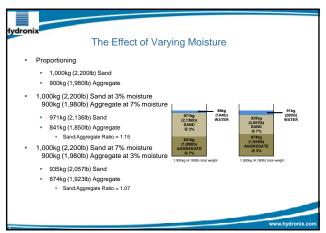


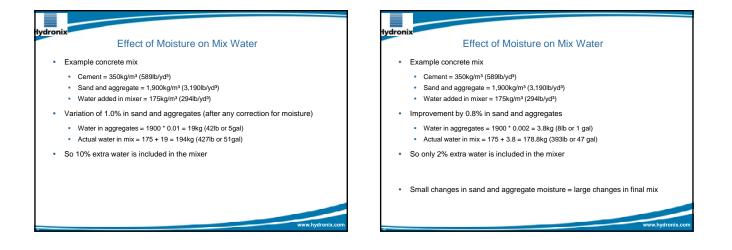


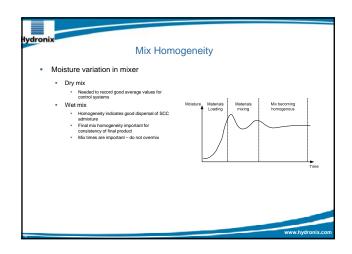




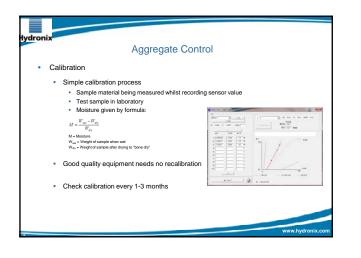




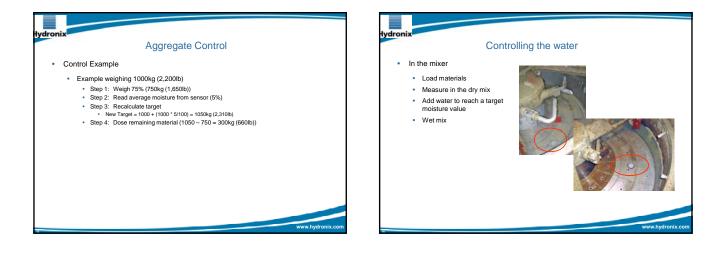


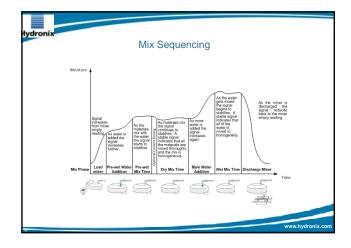


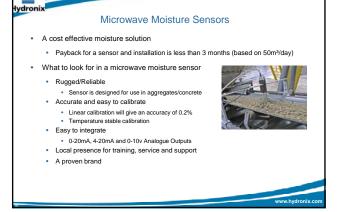


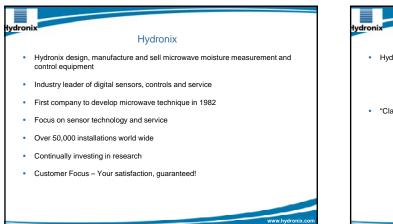


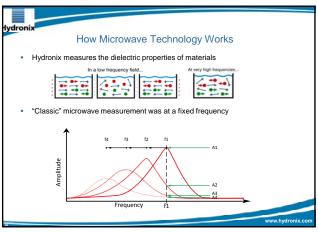
lydronix	
	Aggregate Control
• C	ontrol Example
•	Calculate average moisture of material Recalculate target weight $T_{yw} = T_{yw} + \frac{T_{yy} \cdot M}{100}$ M - Moiston M - Moiston $T_{yw} = 0$ adjusted for moisture content $T_{yw} = 0$ adjusted for moisture content
•	Dose remaining weight

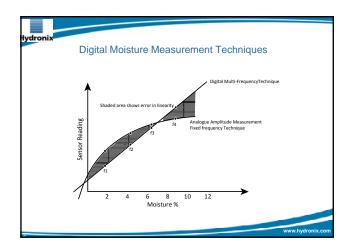


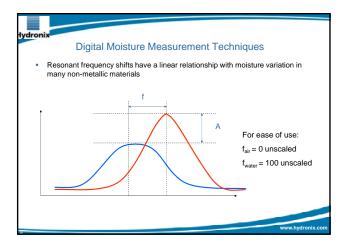


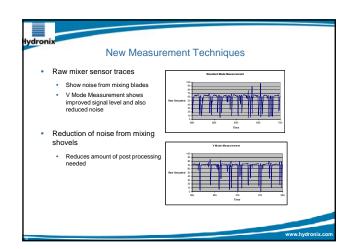


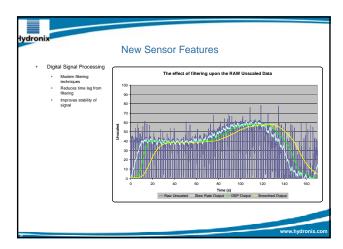












Hydro-Control VI Produce consistent, high quality batches Automatic or manual operation S water addition modes to reach moisture target Control fine and coarse valves for accurate control of moisture in mixer Stores up to 32,000 recipes Graphical display of moisture throughout the batch Repeatable batches +/- 0.1% moisture Calibrate recipe to a previous 'good' batch Records batch history of previous 1,000 batches

bydronix Conclusions Aims Control the moisture in the aggregates Control the water addition into the mixer Reduce the number of wasted batches Solutions Solutions Mixer sensors Water control systems

