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UltraTech Cement Limited

Division: UltraTech Concrete

Where, WE MAKE GOOD CONCRETE BETTER ... NATURALLY



# Sample Plants





# Material Handling/ Storage





## Aggregate Handling

- In we provide net & sheet covering on all our aggregate bins just not to give any chance to strong wind to pollute our environment.

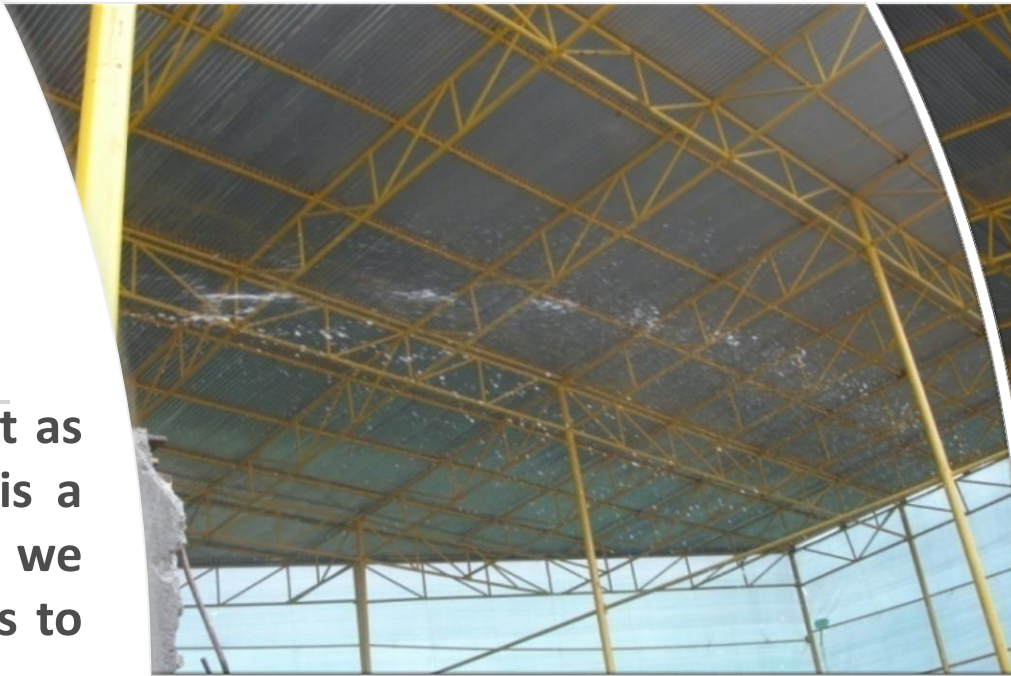




Experience Has  
Taught Us much;  
We Evolved

**We know it is not sufficient as the moisture evaporation is a continuous process, so we install sprinklers in the bins to keep the raw material wet.**

**We provide mist spray facility for aggregates stored in bins, so that the dust clouds should not form while lifting them for further processing.**





# Aggregate Handling

Protecting aggregates from hot Indian weather plays vital role in the life cycle of the concrete structures produced. Cooler the aggregates, stronger are the structures made of it.

All our aggregates are stored under a shade that helps in the temperature control as well as restricts dusting due to gush of air.





# Material Transportation



# Aggregates: Travel and transfer points

All the travel path of and transfer points of raw material are covered and carefully monitored to avoid pollution.





# Care your roads



We know roads are the important factor not only for smooth operations but also a contributor in keeping environment clean. So, we care our roads too.





## Roads are lifelines

We try to inculcate advance systems even in a simple broom cleaning activity. Use of sophisticated machines like mechanical broom is encouraged in all plants. Sprinkling of recycled water supports the suppression of fumigating dust. This certainly helps to control air pollution while sweeping dust.





# Dust Collectors: Our Lungs

**Silo Filters are like lungs of the RMC plant. We keep vigil by a regular scheduled service of it. Silo filters play important function of emitting filtered air during bulk cement feeding operations. We understand how important Human Lungs are, so we care them by servicing our silo filters.**





Evolve, don't stop!

**We did not stop there. Invention is our DNA. We evolved to a newer system of filtration with enhanced capacities and more cleaner operations with added safety. The new filters are now cyclonic ground dust collectors that involves 2 stage cleaning.**





# “Re-”: Stands more for Environment than a Rupee

Our journey to recycling of concrete waste started with simple Settling Tank method, then graduated to advanced stage called concrete recycler plants. We didn't stop there; we are experimenting with a complete Zero Discharge System for our RMC plants.

## Basic: Settling Tank



## Advance: Concrete Recycler



## Zero Discharge Plant (Used First by UltraTech)

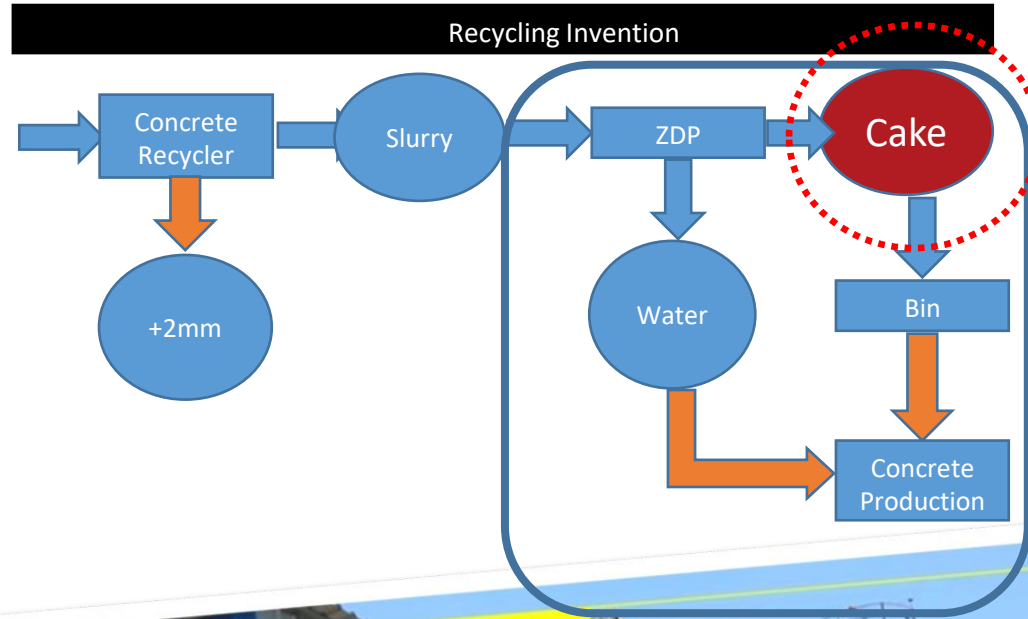






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# The Invention of Zero Discharge Plant by UltraTech







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# Journey towards Zero Discharge Plant



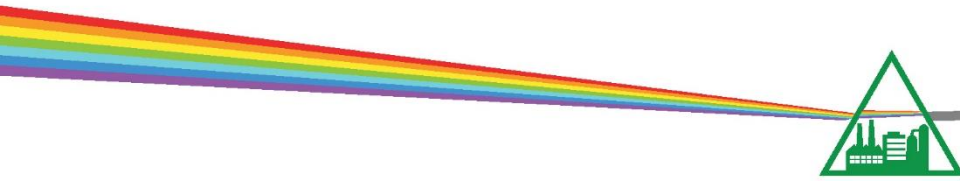
Zero Plant Discharge (ZDP) Unit



ZDP Clean Water Recovery



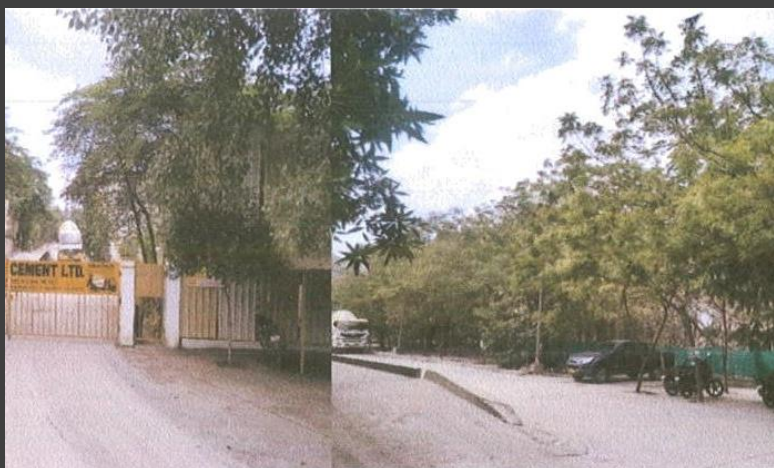
ZDP - UltraFines







# Limit your spread



We know pollution is spread more by wind. We try to obstruct strong winds by putting corrugated sheets around the plot, increase the green quotient and we succeed.





Thanks