

WASTE MANAGEMENT THROUGH CO-PROCESSING VICAT IN INDIA CII WASTE MANAGEMENT SUMMIT 2016-MUMBAI. MILIND MURUMKAR.

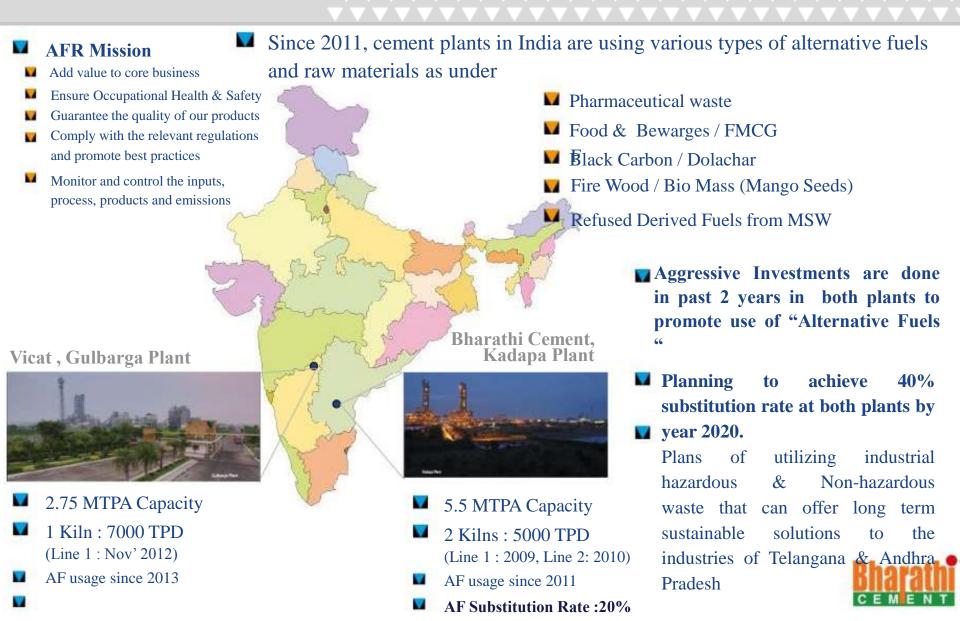








VICAT IN INDIA COMMITMENT TOWARDS ALTERNATIVE FUELS



FEEDING MECHANISMS & EXPERTISE

Available feeding systems

- RDF Shredder, Pneumatic conveying system to Pre-calciner
- Non Hazardous / Expired FMCG etc.,
- Tyres Shredder, Double flap valve to kiln
- Solid & semi solid feeding Double flap valve to kiln
- Liquid Liquid handling system connected to Kiln through pipe lines

Laboratory

V Dedicated laboratory for Proximate, Ultimate & Heavy Metal analysis of waste

Expertise & Dedicated Team

A team of 50 people are working for alternate fuels to increase the substitution rate

Environment & Safety

All our stacks and ambient air quality monitoring stations are well connected with CPCB & APPCB website and also we have arranged fire fighting equipment's, fire hydrant systems

Commitment

we have commitment in group level to reach alternate fuels substitution rate up to 40 % by end of 2020



RDF HANDLING SYSTEM at BHARATHI CEMENT PLANT

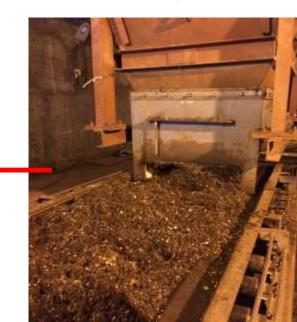






- Mechanized system to collect the material from unloading point and transfer to the hopper for feeding in to secondary shredder through conveyor.
- Capacity of grab crane 1 MT
- Through Crane, material will be passed into shredder
- Shredded material will be pumped into precalcinar through pneumatic system





PRE-PROCESSING OF TYRES

Tire Chips





Shredding



CO-PROCESSING OF TIRES



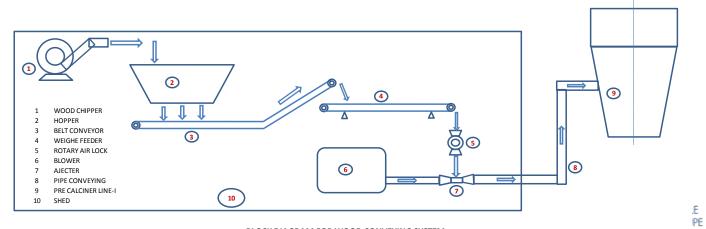
ALTERNATIVE FUEL SOLID WASTE DIRECT FEEDING

Storage shed - Semi solid Pharma waste





Double Flap arrangement



ALTERNATIVE FUELS – LIQUID FEEDING SYSTEM











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SOLID & SEMI SOLID WASTE FEEDING SYSTEM



Pre Processing Station for processing of different types of solid, semi solid ,commodities etc.to make a uniform waste mix for feeding through Double flap system to Kiln



IPF

ALTERNATE FUEL – LABORATORY

I-CAP from Thermo (Detection of Metals)



Spectrophoto meter (Detection of chlorides)



IKA Bomb Calorimeter for testing Calorific Value





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SAFETY & ENVIRONEMNT

