



PROJECT Silica Gel Carryover & Filler (Cotton) Removal in Secondary Packing Process

Presenter :

Mr. P Ramprasad Rao (DGM – Packing & Omeprazole)

Mr Prasad Naik (Manager, WH)

Overview : Silica Gel Carryover & Filler (Cotton) Removal for Secondary Packing Process The projects undertaken with a view to carry out optimum consumption of packing components at packing stage to yield final environmental & cost benefits				
SILICA GEL CARRYOVER	Re-use of previous batch's leftover silica gel pouches	Silica Gel earlier discarded were used in packing of next batch	No Huge Investment for Implementation	Environment, Cost & Inventory Savings
FILLER (COTTON) REMOVAL	Cotton used as Filler in Bottle Packing along with tablets	Removal of Cotton as filler in Bottle Packing	Transportation Study performed & Regulatory Approval taken	Process Optimisation & Waste Elimination











Replication Potential

- The above projects can be replicated successfully in many FMCG or Pharmaceutical industries which involve large amount of packing components
- It can be also successfully implemented in industries which are extensively involved in packaging & exports
- Industries can replicate the same through following steps :
 - Identify the Non Value Added (NVA) Elements in their process
 - Focus on Waste Generation
 - Find eco-friendly alternatives for current process without impacting the process
 - Focus on Conservation of Natural Resources
 - Small Modifications in the Process

<u>Notable Achievement</u>: The Filler (Cotton) Removal Project has already been taken up for implementation by other manufacturing plants of Glenmark. Additionally, initiative has been taken to remove the filler at the filing stage (R&D) only, before it comes for commercial implementation to plant

Achieving National Benchmark / Standard • First of its kind Project in the Pharmaceutical Industry No Calibrated National Benchmark observed for the same • Savings achieved as per cost for cotton & silica gel component clem









