



## Green Engineering to train future technicians!

Good trainings make good technicians and what better way to train than offering simulators for practice.

Our Team from Meter Testing Lab, Mumbai, used inhouse scrap LTCT panel, to make LTCT Panel simulator for training purpose.

### Benefits:

- This ensured better training and improved employee confidence in handling wiring
- It saved costs related to new procurement.
- Revenue loss due to wrong wiring was minimized.

**Green Heroes: S V Savarkar, Devanjan Dey, Rajesh Rajgurav, R P Sangam, K P Salunke, Tejas Dhavan and Himali Patel**



## Achieving clean air with suction air filter house made of recycled material!

Jojobera - MMD Team made suction air filter house for Ash Handling Plant Compressor#2B, using **Old Scrap Panel Doors**.

Ash Handling Plant Compressor#2B suction air filters were getting choked frequently and had High DP issue across filter.

The installed filters were expensive with a high lead time. As these filters were directly exposed to the atmosphere, their chocking and humidity ambient condition was high.

The dust load on existing suction air filters is reduced, with the suction air filter house that has reusable and washable filter panels.

### Benefits:

1. Recycling of scrap material
2. 5S implementation
3. Reduction in filter consumption and maintenance cost.

**Green Heroes: Pravin Kumar, SHV Ganesh, Ashish Awasthi & Team MMD**



## Scrap in time for proper storage of fire extinguishers!

Our Khopoli Hydro Power Station team reused 150 kg MS scrap of structural steel and cable trench covers to fabricate a storage rack for standby fire extinguishers.

### Benefits:

- Conserves Resources.
- Reduces the waste stream
- Easy access to fire extinguishers

**Green Heroes: T G Chavan, V V Valanju, S M Kedari, D K Dhumane, S B Konduskar and S D Ovhal**

**Before**



**After**



## Creating walkway shed from scrap!

After dismantling the tower structure, its parts were discarded and stored in Scrap yard at Parel RS. The green heroes team from Mumbai decided to construct a shed to provide shade along the winding lane leading to – ( add place)

The scrap was sorted, cleaned and used to build the structure.

### Benefits:

- Shade to those walking on the walkway
- Effective reuse of scrap
- Cost saving of Rs. 1,14,000/-

**Green Heroes: Mahesh Raut, Ashish Pandey,  
Sushant Gayakwad, Sanjay Gharat  
(Department – Civil & Estate)**

