



Saving paper by changing format!

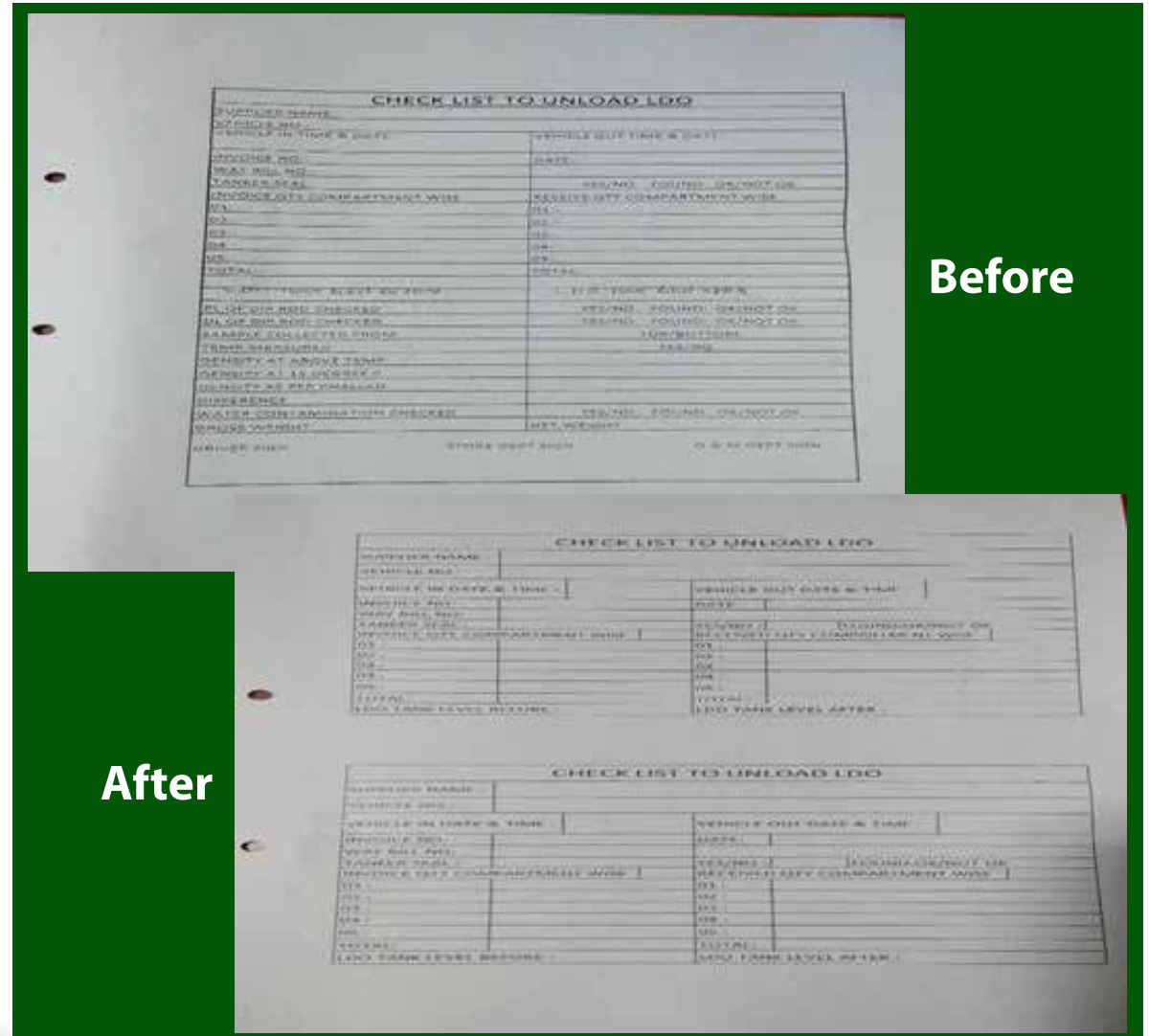
Mr. Bishwajit Jena from Kalinganagar made changes in LDO Unloading Checklist and saved 144 A4 sized paper annually. Previously they were using 1 A-4 size paper for checklist for one tanker unloading, after changing the checklist 1 Paper was enough for 2 tanker unloading.

Good Work!

Benefits:

The advantages of saving paper include saving energy, water and landfill space. It also reduces greenhouse gas emissions

Green Hero:
Mr. Bishwajit Jena



Before

After



Recycling of RO Water!

Team Panchapatti 50 MW site installed one 15L/hr RO purifier for drinking water purpose. For purifying 60 liters of water around 200 liters of water is rejected as a waste water from the RO system. Team recycled the waste water for switchyard earth pits which helps to keep earthing system more healthy.

Kudos to green heroes!

Benefits:

1. Recycling of 200 litres of water



Green Heroes:

Mr. M.Ranjith, Mr. N.Karthick, Mr. Anup Ghode and Mr. Santosh Kondushkar



Digitisation of coal quality monitoring and reporting at Trombay!

Trombay chemical department made in-house digitised coal quality monitoring and reporting system. They used Microsoft office 365 platform and one drive apps like excel online, Microsoft office flow, my share point to collect the analysis data and developed system where they can online transfer, check, monitor the coal quality data and finally approve the reports which are then digitally signed by authorised signatory.

The digitally signed reports are made available to coal logistic and plant department which is internal customer. Customer can easily get all the latest released quality reports through online access link.

Kudos to green hero!

Benefits:

1. No paper use throughout the system saves trees and environment.
2. Cost benefits from paper saving (1200 no's of A4 size papers saved).
3. Satisfaction of internal customer.
4. Best use of technology platform made available by company.

Sl. No.	Test Parameter	Method of Analysis	Results on "As Received Basis"	Results Expressed on "As Received Basis"	Results Expressed on "Dry Basis"
1	MOISTURE, %	ASTM D 2170-27	18.04	NA	NA
2	ASH, %	ASTM D 2174-21(2006)	3.06	3.06	2.52
3	VOLATILE MATTER, %	ASTM D 2175-27	41.28	41.28	50.57
4	FIXED CARBON, %	ASTM D 2172-23	38.22	38.22	45.80
5	GROSS CALORIFIC VALUE, K Cal/Kg	ASTM D 5865-13	3006	3006	6743
6	TOTAL SULPHUR, %	ASTM D 4259-27	0.086	0.086	0.105
7	TOTAL MOISTURE, %	ASTM D 3302-27 D 3302M-12	NA	NA	NA

Authorized Signatory: **A P Suneek**
Head - Chemical

Green Hero:
Jaydeep Kadam



Reusing for safety at Iyyermalai 50MW Site!

Team of engineers from WREL-Iyyermalai 50MW, made Identification boards and Safety posters board using damaged door metallic frame material and 2mm GI sheet scrap.

Good work!

Benefits:

1. 11 Inverter blocks -Identification boards and 2 (4x3 feet) Safety posters board are installed at the site
2. Reusing scrap and saving of natural resources
3. Cost saving of approx. 4000 Rs.



Green Heroes:

Mr. Kathiresan, Mr. Tamil Selvan, Mr. Ashok Kumar and Mr. Vignesh



Reuse of scrap plywood and acrylic sheets!

Team Maithon - Chemistry made equipment SOP and Safety Hazard Display Board using scrap plywood and acrylic sheet at MPL Chemical and Environment Laboratory with the support of ICPL DM plant team.

Good work!

Benefits:

1. Reuse scrap
2. Saving nature resource
3. Safety Improvement
4. 5S improvement.
5. Better housekeeping



Green Heroes:

Mr. Priyasish Roy, Mr. Chandan Kumar, Mr. Bonomali Mandal, Mr. Biswanath Soren and Mr. Ujjal Mondal