



Reusing for reducing pollution!

Mr. Sukalyan Saha from IEL kalinganagar , painted old bottle and used it to decorate the home. The painted bottle was used as flower vas and table lamp.

Good work!

Benefits:

Recycling waste and reducing land pollution

Green hero:

Sukalyan Saha





Using waste chemical jars!

Team MPL has been carrying out green initiatives at ZLD RO plant. They used waste chemical jars for canopies of motors.

Good work!

Benefits:

1. Motor protected from rain.
2. Reuse of scrap.

Green heroes:

Madan Panda, Mukesh Ranjan,
Mani Singh and Mukesh Kumar





E-logbook for reducing paper consumption!

Team Kalinganagar developed in-house e-logbook for saving papers with the help of PI systems. It is similar as previous logbook register for TG and TSI parameters. Also, with the help of conditional formatting, team have given the provision to highlight the deviating parameters from normal values recommended in SOP and by OEM.

Good Work!

Benefits:

1. Reducing paper consumption and saving time to generate, review and approve all parameters
2. Reduction of contacts in this COVID pandemic.
3. Provision for highlighting the deviated parameters with nominal recommended value for controlling the process and necessary action immediately
4. Cost saving

| Industrial Energy Limited | | | | | | | | |
|---------------------------|------------------------|---------|---------------------------|--------------------|--------------------------|-------------------|--------|-----------------------|
| KALINGANAGAR CPP-1 | | | | | | | | |
| TG Log Sheet | | DATE: | 11/1/2020 | | | | | |
| TG#2 | Parameter Description | Unit | Nominal Value (Full Load) | Trip Value | Standard Reading Time :- | | | Remarks for deviation |
| | | | | | Shift-B | 2 hr Gap Analysis | | |
| | | | | BEFORE 2HR READING | 11/1/2020 18:50 | | | |
| 1 | TG Load | MW | 67.5 | <0.7 (1 hr) | 68.50 | 64.04 | 64.86 | |
| 2 | Generator frequency | Hz | 50 | 52.5/47.5 | 49.97 | 49.93 | 0.04 | |
| 3 | TG RPM | | | | 3005.46 | 3006.35 | -2.89 | |
| 4 | Reactive Power | MVAR | - | 13.1 | 42.78 | 41.20 | 1.58 | |
| 5 | Generator Voltage | KV | 11 | | 11.21 | 11.28 | -0.07 | |
| | | | | | 11.23 | 11.30 | -0.08 | |
| | | | | | 11.25 | 11.31 | -0.06 | |
| 6 | Generator Current | Amps | 4969 | | 4137.73 | 3470.92 | 666.81 | |
| | | | | | 4104.33 | 3413.63 | 690.68 | |
| | | | | | 4123.41 | 3432.73 | 690.68 | |
| 7 | Excitation Voltage | KV/Amps | 0.19/1075 | | 54.34 | 53.04 | 3.30 | |
| 8 | Excitation Current | KV/Amps | 0.19/1075 | | 9.88 | 9.05 | 0.83 | |
| 9 | Main steam pressure | Kg/cm2 | 554 | 124/52 | 203.43 | 200.28 | 3.15 | |
| | | | | | 203.78 | 200.51 | 3.27 | |
| | | | | | 203.58 | 200.51 | 3.07 | |
| 10 | Main steam temperature | Deg. C | 537-541 | 565/527* | 536.89 | 538.77 | -1.88 | |
| | | | | | 539.83 | 541.61 | -1.78 | |
| | | | | | 538.89 | 540.80 | -2.13 | |
| 11 | Condenser vacuum | Kg/cm2 | -0.905 | -0.576* | -0.88 | -0.88 | 0.01 | |
| | | | | | -0.88 | -0.88 | 0.00 | |
| | | | | | -0.88 | -0.88 | 0.01 | |
| 12 | Control oil pressure | Kg/Cm2 | 135-155 | 90 | 164.53 | 170.79 | -6.66 | |
| | | | | | 155.80 | 171.31 | -5.35 | |

Green heroes:
Sanjay Shah and Amit Tiwari



Best out of waste!

We generally dispose empty bottles after use. Ms. Neha Bande from Khopoli division thought otherwise and used this waste material for plantation, as decorative material and to give birthday gifts to colleagues.

Good Work!

Benefits:

1. Less pollution due to reuse of waste material.

Green hero:
Neha Bande.





Green heroes of CGPL - EMD!

CGPL- Electrical Maintenance department participated in the Tree Mitra 2020 drive. They planted more than 15 tree saplings near Main gate. EMD Team & associates planted Conocarpus saplings. The team pledged to take efforts for the survival of the plants and increase the greenery around the premises.

Good work!

Benefits:

1. Improved ambience and aesthetic value
2. Enhanced awareness and sensitization on benefits of Trees

Green heroes:

Alok Uppal, Naveen Yadav, Dipak Rathod,
Bhavin Bhansali, B Venkateshwarlu,
Sunil Solanki, Ayush Patel, Harshal Chokashi,
R Karthikeyan, Jyotirajsinh Jadeja, Parag Samani,
Ms.Samiksha Dhande,
Ms.Ekta Joisar & Milind Rawal

