

Shree

A quick scan



People power

The 'Jo Soche Woh Paave' scheme, instituted towards the end of the year 2001 was designed to encourage Shree employees across all functional levels to come forward with their ideas for cost reductions, process improvements, energy conservation, good housekeeping, safety, environment and other practices that make work more productive and the company more cost-efficient. People with the best ideas are rewarded and recognised at company gatherings.

Apart from distinct material gains, the scheme also brought out a major attitudinal shift. It infused a 'Let's do it' enthusiasm right across the ranks and made continual improvement a way of life at Shree.

The following is a culling of the award-winning ideas.

Earlier, lights were kept on in areas / floors during the night, because it was difficult to locate their switches. New switch boxes with bulb / LED indicators were easier to spot, doing away with the necessity of keeping lights on, thus saving power.

Kavinder Makwana
A E N, Electrical



By replacing bolt arrangement with spring arrangement in Vibro Feeder of coal plant in the CPP, 4-8 man-hours per month as well as maintenance cost got saved.

K C Sharma
Asst. Foreman, Shree Power

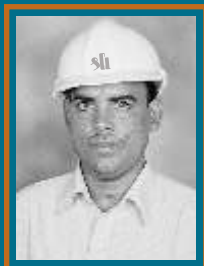


A communication system suggested for the Bangur cement project has an EPABX with a paging system. This does away with the need for expenditure on walkie-talkies and a separate PA system. Cabling costs are lower too.

C B Pandey
Jr. Engr., Instrumentation

A modified holding block for crusher in Mine II reduced breakdown of holding block, damaging of key, rotor side groove cracks, manpower costs of repairing as also downtime costs which has increased the availability and productivity of crusher.

Nikhilesh Kr. Sharma
Asst. Engr., Mechanical



Replacement of worn out lagging of belt conveyor pulleys, which had to be earlier undertaken during shutdowns and took 16-20 hours, was now accomplished in just 8 hours with an ingenious arrangement created in-house. That too without the need for shutdowns.

Dilip Tiwari
Mechanical Foreman, Stacker and Reclaimer

A modified body design of dumpers and tractors helped avoid fugitive spillage of material from the back, brought down labour costs of cleaning it up and made better environment sense.

Sunil Motyani
Officer, RMH



C W pump stainer in the cooling tower used to get choked by insects and flies easily. Use of nets by the side of the tower avoided it.

K V Sabu
Jr. Foreman, Shree Power

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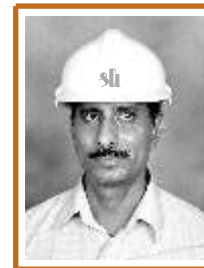


Earlier, a blown fuse in the capacitor of H T motors never showed up in the control panel. This resulted in nuisance tripping of the motor. Use of a no-contact push-button, helped the blown fuse register as an alarm on the control panel, allowing faster troubleshooting and avoiding tripping for greater safety of the motors.

Ramashraya Mishra
Jr. Foreman, Shree Power

Timer type auto drain valve in air compressor, regulated as it was by set time, used to open at regular levels, irrespective of the need to drain. Use of level sensor auto drain valve made draining need-based, saved power in compressor and reduced wear and tear of valve.

Satish Mahawar
Foreman (Instrumentation), Shree Power



Earlier, one feed water pump at the pre-treatment plant of captive power station was running round the clock with 40-50% water recirculating in the sump as per system requirement. Installing a VFD resulted in saving of about 40% of its power.

B S Chawla
Sr. Engr. (Mech.), Shree Power



Impact pads used at the impact load side of conveyor belts lowered their wear and tear, reduced shutdowns and cut down production losses.

Sanjay Kr Khandelwal
Asst. Manager, Shree Power



Ash conveyed to Ash Handling System in the power plant, containing some amount of moisture, used to corrode the orifice plate resulting in the enlargement of its size and increased power consumption of the Ash Handling Compressor. Changing the metallurgy of orifice plate from M.S. to S.S. served to extend its life and bring down maintenance cost.

Salil Gupta
Asst. Engr., Shree Power

