



Paradeep Unit

EMPLOYEES SUGGESTION SCHEME



**“RECYCLING ACTIVITY, GIVES
BEST PRODUCTIVITY”**



**Indian Farmers Fertiliser
Cooperative Limited**

**VILL.-MUSADIA, PARADEEP
DISTT.-JAGATSINGHPUR
ODISHA - 754142**

IFFCO EMPLOYEES SUGGESTION SCHEME

IFFCO Employees Suggestion Scheme provides a framework for creativity and innovation to thrive with in work place. IFFCO Paradeep unit always encourage employees to think out of the box and strive for continuous improvement. It is worth mentioning that we have successfully implemented “Online Suggestion Scheme” in August, 2012 and getting good response from employees.

Period: 01st December, 2012 to 30th Nov, 2013

Total Suggestion Received : 696

Suggestion Accepted : 577

Suggestion Awarded : 83

SL. NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
1	V K Mishra	Sr. Mgr.(Elect)	Electrical - I	1) To provide Interlocking between conveyor R-14 and conveyor R-10A
				2) To provide Under Voltage tripping of Plant Motors
2	V S Chauhan	Dy. Mgr.(Mech)	Central Workshop	To provide on/off timers for roof lights to save power
3	Prafulla Kumar Rout	Optr.(DAP) Gr II	DAP Process	To provide extension line with dummy of pre scrubber separator by pass line
4	Ravindra Singh	Attendant Gr M	DAP Process	To provide door in primary elevator discharge chute for ease in cleaning
5	Sabir Hussain	Welder/Gas Cut Gr N	Power Plant	To provide air tapping provision in chlorination room
6	Fuldev Singh	Asst Tech (Inst) Gr I	Instrumentation -I	To provide steam jacketing for ultrasonic flow heads to avoid sulphur deposition inside flow head.
7	Satyabrata Behera	Tech(Elec) Gr I	Electrical - I	To shift ER-1 Transformer at Material Handling Department.
8	Uma Charan Swain	Jr Tech(Mech) Gr.I	Product Handling	To provide dust wiper between slide gate and chute to avoid spillages in bagging plant.
9	Vijay Kumar Gupta	Rigger Gr N (Prod)	DAP Process	To provide M/H door at Steam /air discharge duct after damper.
				To provide platform for safe operation of portable water valve in PAP

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10	Haseen Mohammad	Rigger Gr N (Prod)	DAP Process	1) To provide platform with door in D&F downcomer line at screen hopper floor.
				2) To connect 24 No. screen dedusting line to 01 No. dedusting line.
				3) To connect surge hopper dedusting line to 1no. dedusting line of fines conveyor at diverter floor.
				4) To provide movable platforms for cleaning screen hoppers.
				5) To provide platform at strong acid new line valve at pipe rack.
11	Prasanta Kumar Parida	Attendant Gr N	DAP Process	To provide platform and stairs near pre to PN (New line) isolation valve.
12	Brahmadeo Mandal	Tech(Mech) Gr I	Mech. (Power Plant)	To provide separate operation switch for RBFD conveyor at bunker of Boiler -2
13	Krushna Chandra Subudhi	Asst Optr (PAP) Gr I	PAP Process	1) To divert new PCST blow down line to old PCST blow down line instead of putting into old PCST tank.
				2) To modify 3rd&4th wash distribution box similar to existing cakewash drum.
14	Sanjaya Kumar Behra	Asst Tech (Inst) Gr I	Instrumentation -I	To provide filter before diesel flow head to avoid choking
	Anil Kumar Singh	Sr Tech (Inst) Gr I	Instrumentation -I	
15	Samaresh Das	Dy. Mgr.(DAP)	DAP Process	To provide DCS display of cooling water pressure of lube oil system of granulator and dryer
16	Rajesh Kumar	Dy. Mgr.(Mech)	Mech. (Power Plant)	To connect NBC - 4 discharge end NBC -2A through conveyor system
17	Subhasis Patra	Dy. Mgr.(DAP)	DAP Process	1) To replace all rubber covers with MS plate with a hinge door for proper sealing of oversize and product screens
				2) To provide Sample collection points in acid transfer lines to know the incoming acid quality to DAP.

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18	Rajesh Kumar Das	Sr Tech(Mech) Gr I	Central Workshop	Enhancing the gear teeth cutting capacity of the milling machine
19	Shiv Kumar Singh Kuswaha	Asstt. Mgr.(SAP)	SAP Process	To relocate of IAT pump electric motor junction box.
20	Trupthi Ranjan Phuan	Asst Optr (DAP) Gr. I	DAP Process	For modification in drinking water line valve position in DAP Train C
21	Santosh Kumar Sahoo	Asst Tech(Inst) Gr. II	Instrumentation -I	Modification of wash liquor tank top horizontal beam
22	Sailaja Prasad Rath	Sr. Mgr.(Instr)	Instrumentation -I	To replace butterfly valves with plug valves in TG vaporiser.
23	Raj Kumar Singh	Ch. Optr(SAP) Gr II	SAP Process	To provide additional isolation valve in cartidge filter flushing steam inlet line.
24	Rajesh Kumar Ranjan	Fire Inspector	Fire & Safety	1) To provide Hydrant Point in Place of water Monitor below the 132 KV tower cable line at Energy Centre.
				2) To provide additional Hydrant Point at NH3 storage area near Instrument Air Receiver side gate.
25	Sumit Kumar Roy	Dy. Mgr.(Elect)	Electrical - I	To install lighting transformer
26	Gaurav Shukla	Dy. Mgr.(Power)	Mech. (Power Plant)	To provide O ₂ analyser in APH outlet to detect online tube leakage.
27	Gaurav Shukla	Dy. Mgr.(Power)	Mech. (Power Plant)	Pressure indication to be provided in AFBC boiler blow down tank to know the qty of water to cooling tower and steam to deareator.(NRV to be provided in blow down tank to Deaerator to steam line)
	Abid Hasan Aftabuddin	Dy. Mgr.(Power)	Mech. (Power Plant)	
28	Gaurav Shukla	Dy. Mgr.(Power)	Mech. (Power Plant)	To provide local level gauge for CBD tank of AFBC boiler.
29	Satyajit Khuntia	Dy. Mgr.(Mech)	DAP Mechanical	To increasing gap between counter weight and tail sprocket in potash elevator.
	K B S S Saibaba	Asst. Mgr (Mech.)	DAP Mechanical	
30	S Triloka Chandu	Asstt. Mgr.(DAP)	DAP Process	To provide door in top of the multijunction duct.
31	S Triloka Chandu	Asstt. Mgr.(DAP)	DAP Process	To provide local display provision in potash feeding area.
	S Jagadeeswara Rao	Asst. Mgr (Inst.)	Instrumentation -I	

SL. NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
32	S Triloka Chandu	Asstt. Mgr.(DAP)	DAP Process	To provide flushing facility in ammonia line sparger at the back side of granulator
	Abhay Gupta	Sr. Engg. (Process)	DAP Process	
33	Chandra Pal Verma	Asst Optr(SAP) Gr I	SAP Process	To provide acid proof brick lining inside the SAP stack floor to avoid corrosion.
34	Dibya Ranjan Kar	Dy. Mgr.(DAP)	DAP Process	1) To provide manual gate in pan feeder discharge chute manhole door at fines conveyor floor.
				2) To provide PA system at 70 - Conveyor LCS.
35	Ranjit Kumar Sambana	Asst. Mgr (DAP)	DAP Process	To provide interlock of product screen elevator vibro feeder gate.
36	Parminder Singh	Dy. Mgr.(SAP)	SAP Process	1) To provide running indication of ammonia site sulphuric acid transfer pumps in DCS.
				2) To provide individual drain arrangement upto sump/tank for all the HRS equipments.
37	Abid Hasan Aftabuddin	Dy. Mgr.(Power)	Mech. (Power Plant)	1) To provide DCS display of voltage and spark rates of ESP
				2) To provide condensate drain points in steam line from CBD to Deareator
38	Manoranjan Beura	Asst. Mgr.(Elect)	Electrical - I	To provide Junction boxes for filter feed area motors.
39	Trivikram Ambati	Dy. Mgr.(DAP)	DAP Process	To provide half portion grizzly arrangement in fines conveyor discharge to secondary elevator.
40	Mangal Murthy	Mgr.(Mech)	DAP Mechanical	To provide vibration isolator in the discharge chute of Chain Mill.
41	Dhiraj Kr. Bisen	Asst. Mgr (O/S)	Offsites	To provide conductivity sensor in the inlet line of ACF vessel of condensate polishing unit.
42	Ramesh Kumar A	Asst. Mgr.(Inst)	Instrumentation -I	To provide manual steam flushing valve at F.O pumps discharge.
43	Rishabh Mishra	Sr Engr.(Instr.)	Instrumentation -I	To provide trip interlock for the Ammonia Transfer pump in Ammonia Storage area.

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43	Rishabh Mishra	Sr Engr.(Instr.)	Instrumentation -I	To provide trip interlock for the Ammonia Transfer pump in Ammonia Storage area.
44	Sarvesh Kumar	Dy. Mgr.(Inst)	Instrumentation -I	1) To replace conventional LPG operated pilot gun with electric spark type pilot gun for F.O. Chamber. 2) Installation of non contact type magnetic pick up switches in GSU 1 & 2
45	Sameer Singh	Dy. Mgr.(Mech)	Product Handling	1) To replace AFBC boiler PA fan suction damper from butterfly type to plate type for complete sealing. 2) MS Plate of 8 mm thick to be provided in the area beneath the head & snub pulley of NBC-6 to avoid direct fall of conveyor pulleys on C4 conveyor and man power moving around the area. 3) To provide NRV in all ash conveying lines at silo top. 4) To Install pneumatic control slide gate valve in AFBC boiler furnace drain line.
46	Jokhu Prasad	Sr Tech(Mech) Gr I	Product Handling	To increase bend pulley height and wrap angle in cross country conveyors to reduce belt sway.
47	A K Mandal	Tech.(Mech) Gr II	DAP Mechanical	1) Chain mill door to be hinged from side of the mill from the present vertical upright to avoid excess manpower for its opening. 2) To provide Nipple with gate valve and a flexible hose at the point of drainage plug to collect gear box oil of secondary elevator.
48	Satyajit Kar	Asst Tech (Elec) Gr I	Electrical - I	Fourewheeler trolley make for draw out and draw in of VFD drive.
49	Sadananda Panda	Asstt. Mgr.(Mech)	PAP Mechanical	To provide pressure gauge in the seal water line of the pumps.
50	Naresh Chandra Swain	Dy. Mgr.(Mech)	PAP Mechanical	Installation of agitator near Evaporator G sump to avoid settling of solids in the sump.

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51	Ratikanta Behera	Tech.(Mech) Gr II	Mech. (Power Plant)	Modification of conveyor hood with sliding window for easy maintenance of idlers.
52	Suryapal Singh Senger	Asst Tech (Mech) Gr I	Central Workshop	To provide inspection RAM for light vehicle for maintenance.
	Susanta Kumar Nag	Sr Tech (Mech) Gr I	Central Workshop	
53	Soubhagya Ranjan Ghadei	Dy. Mgr.(Elect)	Electrical - I	1) To shift the motor starter of SAP boiler CWP-1&4 from integrated local control panel to MCC for providing DCS display and control. 2) To install a electric operated wire rope hoist over the sulphur burner for shifting and replacing the burners as shifting with hydra damages the motor base frame.
54	Panchanan Mohanty	Optr (Power) Gr I	Mech. (Power Plant)	Platform extension to be done at PA floor at 5th Bed near panel header in both Boiler.
55	Sujit Singh	Jr Tech(Mech) Gr IV	Mech. (Power Plant)	In CHP to make screen top chute hanging with gap between the chute & screen to reduce load on screen and maintenance.
56	Devendra Kumar Singh	Dy. Mgr.(Mech)	DAP Mechanical I	Using split bearing & oil seals in drive end for reducing down time in replacing it. For elevator, Fans, Dryer & Granulator.
57	Ranjit Kumar Swain	Sr. Mgr.(Elect)	Electrical - I	Provision of display screen for HT Motor bearing and winding temperature at electrical substation or area I/C office.
58	Jitendra Kumar Sen	Tech(Elect) Gr II	Electrical - I	Use of ferrul printer in electrical section for easy cable identification.
59	Kitabuddin	Asst Optr(DAP)Gr II	DAP Process	To provide LP steam line at screen hopper floor for cleaning of screen bush and connecting rods.
60	Prasanta Kumar Behera	Optr(DAP) Gr II	DAP Process	To provide one spillage chute with a diverter provision in pan feeder immediate discharge.
61	Gopal Krishna Pal	Sr. Mgr.(PAP)	PAP Process	To maintain slope of sulphuric acid line toward SAP storage tank side for acid recovery during maint.
Published by A. K. Panda, Chairman IFFCO Employees Suggestion Scheme Committee, IFFCO, Paradeep Unit, Dist- Jagatsinghpur (Odisha)				