

**IFFCO**

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# IFFCO EMPLOYEES SUGGESTION SCHEME

**PERIOD : Dec '16 to Nov '17**

**COLLABORATE**

**INNOVATE**

**ACTUATE**



**Indian Farmers Fertiliser Cooperative Limited**  
VILL.-MUSADIA, PARADEEP, DISTT.-JAGATSINGHPUR  
ODISHA - 754142

**RECEIPT OF HIGHEST NO. OF SUGGESTION AWARD**

Sh. Prabir Kumar Pradhan, Optr(SAP) Gr I - 141 nos.

Sh.Suman Kumar Mandal, Dy. Mgr.(SAP) - 81 nos.

Sh.Ajeet Kumar Soni, Asstt. Mgr.(Process)- 58 nos.

**RECEIPT OF BEST SUGGESTION AWARD**

Sh. Vinay Datir, Mgr.(SAP)

Sh.S.K.Mohapatra, Mgr.(GE)

Sh.Kaustubh Kala, Mgr.(GE)

**Performance of Suggestion Scheme  
(Dec. 2016 to Nov. 2017)**

<b>Suggestion Scheme Performance Information</b>	<b>2016</b>	<b>2017</b>
Number of Employees eligible to participate in the scheme.	<b>1274</b>	<b>1253</b>
Number of Suggestions received.	<b>1839</b>	<b>996</b>
Number of Suggestors who has given suggestions	<b>450</b>	<b>355</b>
Number of Suggestions accepted	<b>225</b>	<b>153</b>
Saving related to the Suggestions during the year in Rs. Lacs.	<b>165.09</b>	<b>791.9</b>
Number of Award Winners	<b>185</b>	<b>150</b>

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
1	A CHAKRADHAR	Ch Tech(Mech) Gr I	MECH(OFFSITES)	Hydra approach for D.M. transfer pumps and polished condensate pumps.
2	ABHINAV KHANDELWAL	Asstt. Mgr.(DAP)	DAP PROCESS	Providing ladder approach from DDC to dryer backside
				To make inclined granulator discharge grizzly
3	ABHISHEK SHARMA	Dy. Mgr.(Proc)	PROCESS ENGG	Installation of a new small size compressor in Ammonia handling section
				Use of hot condensate from ammonia pre-heater and vaporiser of DAP plant in AFBC boiler dearator
4	AJAY KUMAR NAYAK	Jr Operator Gr III	CENTRAL WORKSHOP	Side opening of DG emergency house to be enclosed for preventing ingress of dust & installation of 2 exhaust fan for minimizing the room temperature.
5	AJEET KUMAR SONI	Asstt. Mgr.(Proc)	SAP PROCESS	Auto siphon breaker to be installed in acid pump tank
				Inside brick lining provision for VPTs to avoid direct contact of sulphur vapour
				Provision of isolation valve at Tr-1 IAT pump tank roof inspection hole
				Drain Line provision for import line in Tank-C
				Cooling water header vent line modification
				Insulation to be provided in HRS all analyser lines.
				Drain pit to be provided to drain economiser, heat exchanger drip acid.
6	AKASH BEHERA	Dy. Mgr.(DAP)	DAP PROCESS	To provide gate with pneumatic actuator at inlet of potash weigh feeder (bottom of potash hopper)

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
7	ANIL PRATAP SINGH CHOUHAN	Optr(PAP) Gr II	PAP PROCESS	Modification in cloth wash spray pipes for ease in cleaning.
8	ANSUMAN MISHRA	Optr(DAP) Gr I	DAP PROCESS	Door to be provided at D&F plenum outlet duct just back to plenum
9	ANUGRAH NARAYAN JHA	Asst Tech(Inst) Gr I	INSTRUMENTATION - I	Installation of LT Stop push button on Gantery of GSU1&2
10	ANUP KUMAR SETH	Jr Tech(Mech) Gr II	CENTRAL WORKSHOP	Requirement of hydraulic puller.
11	ARMSTRONG SAHU	Dy. Mgr.(PAP)	PAP PROCESS	Belt filter speed indication at LCS.
12	ARUN KR NAYAK	Rigger Gr L1(Prod)	DAP PROCESS	Flange provision in dust separator header line for cleaning
13	ARUN KUMAR BEHERA	Mgr.(Mech)	DAP MECHANICAL	Making of chain mill and its foundation gap spill proof by fixing with rubber skirt as gasket
				Replacing traditional nozzle with overflow container for coating of final product
14	ARVIND KUMAR DAS	Ch. Mgr.(Mech)	DAP MECHANICAL	The gear box/exciter kept in store for long time should filled with lubrication oil.
15	ARVIND PRASAD	Asst Optr(DAP)Gr II	DAP PROCESS	Ammonia drain valve near wash liquor tank direction to be change for ease in operation and safety.
				Brick wall to provide near 63 TG pump to condenset tank pump to prevent dust deposition.
16	ASHOK KUMAR	Attendant Gr M	DAP PROCESS	One door to be fixed in the Laboratory room neaer MCC room side.
17	ASHOK KUMAR MISHRA	Tech(Elec) Gr II	ELECTRICAL - I	Parallel JB arrangement for Pan Vibrator motor

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
18	ASHOK KUMAR YADAV	Sr Optr(SAP) Gr I	SAP PROCESS	Water recovery pump run and stop logic with tank level to avoid empty running of pump
				Inside brick lining provision for VPTs to avoid direct contact of sulphur vapour
19	BALRAM PRASAD GUPTA	Rigger Gr L(Prod)	DAP PROCESS	Providing a walk way from Granulator floor to Potash Bin manhole door platform.
				Provision of on dump chute in polishing screen hopper floor
20	BALRAM SHUKLA	Asst Optr(SAP) Gr I	SAP PROCESS	Provision of Condensate Drain Line for SAP-2 CBD flash steam line to Dearator near CWP area.
				Insulation to be provided in HRS all analyser lines.
21	BARADA SAHOO	Rigger Gr M(Prod)	DAP PROCESS	Providing a walk way from Granulator floor to Potash Bin manhole door platform.
22	BENUDHAR BISWAL	Asst Tech(Mech) Gr I	DAP MECHANICAL	Damaged mono rail hoist to put on ground in view of safety
				Bearing guards to be provided
				Fines belt scraper displacement to prevent material deposit and jam of belt
				Modification of dryer segment bolt to prevent breakdown
23	BHARAT CHANDRA NAYAK	Asst Optr(DAP) Gr I	DAP PROCESS	Provision of a strengthening support strip below the oversize inlet screen NO-1
24	BIBHUTOSH MISHRA	Asst Tech(Mech) Gr I	SAP PROCESS	Sulphur unloading pit pump discharge line PG nozzle to be made jacketed

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
25	BIJAY KUMAR TUNG	Optr(SAP) Gr I	SAP PROCESS	Super heater 2 outlet header vent direction
26	BIJAYA KUMAR RAUL	Mgr.(Mech)	PORT OPERATION	Galvanised rail clips for rail track line of unloaders
27	BIJOYA KUMAR ROUT	Mgr.(PAP)	PAP PROCESS	Installation of strainers in utility water header line towards filter condenser nozzles.
				Weak acid clarifier sludge diverted to rock slurry addition point of reactor(near R.A-111)
28	BIRUPAKHYA SAMANTARAY	Mgr.(DAP)	DAP PROCESS	A dump chute for draining of under grade material during grade change and other situation.
				Pri to pre line modification for ease in cleaning
				A dust line for Dryer Discharge Conveyor discharge
				Making of chain mill and its foundation gap spill proof by fixing with rubber skirt as gasket
				Provision of a riser in scrubber separator at the end of conical section in place of cross bar
				Replacing traditional nozzle with overflow container for coating of final product
				Dust line to be made straight and elimination of multidoors to avoid frequent chocking
				Provision of dummy in pre scrubber spray tower side (bottom portion)
				Provision of strip on inner circumferential of Granulator rubber panel 1m ahead from the feed end

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
29	BISWAJIT MONDAL	Dy. Mgr.(Inst)	INSTRUMENTATION - I	Installation of steam trap in inlet steam line of Cloth wash tank
30	BRAHMANANDA DAS	Jr Store Keep. Gr L1	STORES	To keep 26 grades of Lubricant Barrels in 3 Tier Raking system with locking arrangements suitable
31	C.V.V RAMA PRASAD	Sr. Mgr.(SAP)	SAP PROCESS	Provision of isolation valve at Tr-1 IAT pump tank roof inspection hole
				Acid import line (common header) drain point to be connected permanently to the trolley pump suction
32	CHANDRA PRAKASH RAI	Optr(SAP) Gr I	SAP PROCESS	Modification of acid pump tank drain valve position from vertical to horizontal position near nozzle
				Water recovery pump run and stop logic with tank level to avoid empty running of pump
				Sulphur precoating tank overflow line to be connected to VPT 3 roof
				Drain pit to be provided to drain economiser, heat exchanger drip acid.
				Relocation of HRS dosing pumps from risky acid area to safe area
33	CHANDRAKANTA BARIK	Sr Optr(PAP) Gr I	PAP PROCESS	Weigh feeder hopper gate valve plate to be modified by S.S.plate
				Wash water drain new to be diverted to Gypsum tank to avoid flooding
34	DEBARAJ BEURA	Optr(PAP) Gr I	PAP PROCESS	Sulfuric acid NEW line drains nozzle length at PAP end to be reduced up to 5 inch.
35	DEBASIS MOHANTY	Asstt. Mgr.(EPC)	E & P C	Metallic First aid boxes to be replaced with Plastic boxes.

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
36	DEEPAK KUMAR KHATUA	Optr(DAP) Gr I	DAP PROCESS	Control Valve required for LP steam to F.O system, after isolation valve.
				2" line tapping from pre scrubber pinch area header to washbox system(carbon black feeding point)
37	DHIRAJ KR BISEN	Dy. Mgr.(Offsites)	OFFSITES	Enhancement of Plate Heat Exchanger-1 capacity in DM plant
				Utilisation of heat generated in 2-stage reciprocating comp for regeneration of media in dryer.
				Use of water from DMFS of RWTP including DMFs and ACFS of Drinking water system, for Ball Mill
				A pH sensor with transmitter is to be installed in main drain at interconnecting point with SAP drain
38	DIGVIJAY SINGH SUGARA	Mgr.(Mech)	DAP MECHANICAL	Modification in Vacuum cooler circulation pump gland system to stop gland leakage
				Modification in chain mill rotor
39	FARUQUE ALI KHAN	Mgr.(PH)	PRODUCT HANDLING	Energy saving during cargo unloading by stopping all conveyors except R1
40	G V SRINIVASACHARI	Dy. Mgr.(PAP)	PAP PROCESS	Extension of length of lifting hooks of strainer between adjustment tank and filter feed tank.
41	GANESWAR PARIDA	Attendant Gr L1	DAP PROCESS	Loading of discharge line to be made MS & is connected to the service tank to reduce leakages.
42	GAURAV KUMAR MISHRA	Mgr.(DAP)	DAP PROCESS	To provide gate with pneumatic actuator at inlet of potash weigh feeder( bottom of potash hopper)
				Modification in TG Line Elbow for ease in cleaning
				Provision of One inch LP Steam tapping point from LP main header near Vegetable oil unloading area.



S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
43	GAURAV MOHANTY	Rigger Gr M(Maint)	DAP MECHANICAL	Damaged mono rail hoist to put on ground in view of safety
				Bearing guards to be provided
44	GHANA SHYAM MISHRA	Dy. Mgr.(DAP)	DAP PROCESS	Provision of a scrubber nozzle above the dryer and D&F umbrella
				Repositioning of Pond water isolation valve to Train C
				Provision of Fabric valve in the TG Basket filter inlet and outlet lines.
				Camera on the product storage conveyer at coating area for monitoring of color and coating.
45	GOPAL KRISHNA PAL	Ch. Mgr.(PAP)	PAP PROCESS	Provision of Additional nozzle in clarifiers.
46	GURMEL SINGH	Asst Tech(Inst) Gr I	INSTRUMENTATION - I	HT fan damper cylinder type actuator replacing with fisher XMOX diaphragm type
47	HARISHANKAR SINGH	Optr(SAP) Gr I	SAP PROCESS	Product line rim to be provided downstream of product valve of all 3 primary filter
48	HARJINDER SINGH	Rigger Gr M(Prod)	DAP PROCESS	Provision of a small manhole in the basket filter.
49	HASEEN MOHAMMAD	Rigger Gr L1(Prod)	DAP PROCESS	Provision of on dump chute in polishing screen hopper floor
				Steam jacketing of vegetable oil pumps discharge line.
50	HIMANSHU BHUSAN SETHI	Asst Optr(SAP) Gr I	SAP PROCESS	VPT-1 overflow line to be extended inside dyke wall of filter building area

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
51	HIMANSU SEKHAR SENAPATI	Optr(DAP) Gr I	DAP PROCESS	Provision of a strengthening support strip below the oversize inlet screen NO-1
52	JAGABANDHU PATI	DrawingOfficer	GEN. ENGG SERVICES	Standardization gratings (procurement of electro forged gratings)
				Use of curved type gratings in place of flat type gratings
53	JITENDRA KUMAR DASH	Optr(PAP) Gr I	PAP PROCESS	Modification in cloth wash spray pipes for ease in cleaning.
54	JITENDRA KUMAR SEN	Sr Tech(Elec) Gr I	ELECTRICAL - I	Use of SLMAR card at port for telephone
55	JYOTI PRAKASH DASH	Dy. Mgr.(Proce)	PROCESS ENGG	Use of hot condensate from ammonia pre-heater and vaporiser of DAP plant in AFBC boiler dearator
56	JYOTI RANJAN SWAIN	Dy. Mgr.(Mech)	PAP MECHANICAL	Wear plate to be provided at Feed spout, Feed chute & Product hopper.
				Baffle plate to be provided in Mill Slurry Tank.
57	K G K V PRASADA RAO	Sr. Mgr.(Mech)	CENTRAL WORKSHOP	FRP lining on structural columns and beams to be provided to prevent corrosion
58	K R N MURTHY	Ch. Mgr.(DAP)	DAP PROCESS	Provision of a riser in scrubber separator at the end of conical section in place of cross bar
59	KARUNA KAR SAHOO	Rigger Gr L1(Prod)	DAP PROCESS	Steam jacketing of vegetable oil pumps discharge line.
60	KAUSTUBH KALA	Mgr.(GE)	GEN. ENGG SERVICES	Telescopic chute in rock phosphate silo to reduce dust emission
61	KESHAB CH SAHOO	Asst Optr(DAP) Gr I	DAP PROCESS	one 1" tapping line to be provided in liquid NH3 line just after battery limit valve
				Scrubber nozzles to be marked to identify whenever they get missed

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
62	KULDEEP KUMAR SRIVASTAVA	Ch. Optr(PAP) Gr I	PAP PROCESS	Blow down should be given to filtration sump directly to avoid any disturbance in old seal tank in case of carry over in VCC-110.
63	KULDEEP SINGH	Tech.(Mech) Gr II	PAP PROCESS	Valve to be provided in all final wash pipe end point.
				Permanent platform to be provided in all filter feed line above belt filter hood.
				Modification in cloth wash spray pipes for ease in cleaning.
64	KUMUD AGARWAL	Asstt. Mgr.(Proc)	PAP PROCESS	Modification in cloth wash spray pipes for ease in cleaning.
65	LENKA PARVATEESAM	Optr(DAP) Gr I	DAP PROCESS	Providing ladder approach from DDC to dryer backside
				To make inclined granulator discharge grizzly
66	M NAGENDRA KUMAR	Dy. Mgr.(EPC)	E & P C	Online monthly of potential accident locations in plant.
67	M RAVI KIRAN KUMAR	Mgr.(DAP)	DAP PROCESS	Ammonia flow controller interlocking to be given with D& F FAN current
68	MAHENDRA KUMAR LENKA	Jr Optr(O/S) Gr I	OFFSITES	Separate Drinking water and safety shower line is to be provided at ETP Plant
69	MAHESWAR BEHERA	Asst Tech(Mech)Gr II	SAP MECHANICAL	Modification of vibrofeeder tray
70	MAHUL BOSE	Asstt. Mgr.(Mech)	SAP MECHANICAL	Modification of vibrofeeder tray
71	MANAS RANJAN RATHA	Mgr.(GE)	GEN. ENGG SERVICES	Issue of welding electrodes to contractors on chargeable basis

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
72	MANOJ KUMAR GUPTA	Opnr(SAP) Gr I	SAP PROCESS	Product line rim to be provided downstream of product valve of all 3 primary filter
73	MATIQUER RAHMAN	Opnr(SAP) Gr I	SAP PROCESS	Provision of instrumentation line to burner
				Provide LPS-1 steam control valve feedback in SAP control room DCS
74	MRUTYUNJAYA DAS	Asst Tech(Mech) Gr I	SAP PROCESS	Sulphur unloading pit pump discharge line PG nozzle to be made jacketed
75	MUTTA KRISHNA MURTHY	Asstt. Mgr.(Elect)	ELECTRICAL - I	Placing dump chute in R1 conveyor at suitable locations
76	NARESH CHANDRA SWAIN	Mgr.(Mech)	PAP MECHANICAL	381,382,383 COOLING WATER TRANSFER PUMPS MOTOR RATING CHANGE FROM 560 KW TO 300KW
77	NEELI NAVEEN KUMAR	Asstt. Mgr.(DAP)	DAP PROCESS	Provision of a scrubber nozzle above the dryer and D&F umbrella
				Placing dump chute in R1 conveyor at suitable locations
				Modification in TG Line Elbow for ease in cleaning
				Repositioning of Pond water isolation valve to Train C
				Provision of One inch LP Steam tapping point from LP main header near Vegetable oil unloading area.
				Provision of Fabric valve in the TG Basket filter inlet and outlet lines.
				Provision of a small manhole in the basket filter.
				Camera on the product storage conveyor at coating area for monitoring of colour and coating.
				Provision of a strengthening support strip below the oversize inlet screen NO-1
				Repositioning of New Inter Transfer Isolation valve to enhance safety
78	OM PRAKASH MISHRA	Asstt. Mgr.(Inst)	INSTRUMENTATION - I	Installation of steam trap in inlet steam line of Cloth wash tank

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
79	OM PRAKASH YADAV	Ch Tech(Elec) Gr II	ELECTRICAL - I	To provide Guard plate bellow the conveyor belt of new conveyor C101A to prevent accident
				To provide slightly higher size Terminal box on sulphur pump motors of SAP for easy connection of motor
80	OMKARESWAR MISHRA	Asstt. Mgr.(PAP)	PAP PROCESS	Provision of rubber hoses for filling FSA in evaporators
				NRV to be provided in pump discharge.
				Cloth wash booster pump suction line to be hooked with pond water line
81	P K MAHAPATRA	Ch. Mgr.(GE)	GEN. ENGG SERVICES	Entry of approved electrode inside plant premises
82	P SRINIVASA RAO	Mgr.(Instr.)	INSTRUMENTATION - I	Redundant data bus network for DCS HMI System to improve process data
83	P V BHASKARA RAJU	Asstt. Mgr.(Proc)	PROCESS ENGG	Placing dump chute in R1 conveyor at suitable locations
				Installation of a new small size compressor in Ammonia handling section
				Use of hot condensate from ammonia pre-heater and vaporiser of DAP plant in AFBC boiler deaerator
84	P VENUGOPAL	Tech(Elec) Gr I	ELECTRICAL - I	Parallel JB arrangement for Pan Vibrator motor
85	PAVAN KUMAR	Mgr.(Mech)	PAP MECHANICAL	Evaporator Heat Exchanger Tube Plugging by Neoprene and taper plug of impervious graphite material as a temporary measure.

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
86	PAWAN KUMAR	Mgr.(SAP)	SAP PROCESS	Acid import line (common header) drain point to be connected permanently to the trolley pump suction
				Provide LPS-1 steam control valve feedback in SAP control room DCS
				Cooling water header vent line modification
				VPT-1 overflow line to be extended inside dyke wall of filter building area
				Drain line to be provided in HP de superheating line in both trains of SAP
87	PRABIR KUMAR PRADHAN	Optr(SAP) Gr I	SAP PROCESS	Additional vibrofeeders (115A and 115B) LCS to be provided at filter floor operator room
				Auto siphon breaker to be installed in acid pump tank
				Provision of instrumentation line to burner
				Inside brick lining provision for VPTs to avoid direct contact of sulphur vapour
				Provision of isolation valve at Tr-1 IAT pump tank roof inspection hole
				Drain Line provision for import line in Tank-C
				Super heater 2 outlet header vent direction
				Provision of extra flange in economiser shell gas drain line
				Provide LPS-1 steam control valve feedback in SAP control room DCS
				Cooling water header vent line modification
				Funnel with 8"pipe provision below the head pulley of stiff angle conveyor
				Insulation to be provided in HRS all analyser lines.
Drain line to be provided in HP de superheating line in both trains of SAP				

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
88	PRADEEP DUTTA	Ch.Optr(Power) Gr II	MECH.[POWER PLANT)	ON OFF switch of BFW PUMP, ID FAN , FD FAN, PA fan should be cover with a box in both boiler.
89	PRADEEPTA KR DASH	Sr Optr(DAP) Gr I	DAP PROCESS	Providing a walk way from Granulator floor to Potash Bin manhole door platform.
90	PRADIP KUMAR PANDA	Optr(SAP) Gr I	SAP PROCESS	Provision of extra flange in economiser shell gas drain line
				Sulphur precoating tank overflow line to be connected to VPT 3 roof
				Drain pit to be provided to drain economiser, heat exchanger drip acid.
				Relocation of HRS dosing pumps from risky acid area to safe area
91	PRADYUMNA KUMAR SAHOO	Ch. Optr(SAP) Gr I	SAP PROCESS	Super heater 2 outlet header vent direction
				Provision of extra flange in economiser shell gas drain line
				Provide LPS-1 steam control valve feedback in SAP control room DCS
				Drain line to be provided in HP de superheating line in both trains of SAP
92	PRAFULLA KUMAR ROUT	Sr Optr(DAP) Gr I	DAP PROCESS	Provision of on dump chute in polishing screen hopper floor
				Enlarging of TG back flushing drain line
93	PRAKASH CHANDRA DAS	Optr(SAP) Gr I	SAP PROCESS	Funnel with 8"pipe provision below the head pulley of stiff angle conveyor

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
94	PRASANTA KR BEHERA	Sr Optr(DAP) Gr I	DAP PROCESS	Provision of dummy in pre scrubber spray tower side (bottom portion)
95	PRASANTA KUMAR PATRO	Optr(SAP) Gr I	SAP PROCESS	Funnel with 8"pipe provision below the head pulley of stiff angle conveyer
96	PRASANTA KUMAR SINGH	Optr(PAP) Gr I	PAP PROCESS	Weigh feeder hopper gate valve plate to be modified by S.S.plate
				Drain point to be provided in T- 412 under flow sludge pump suction line
97	RAJ KUMAR SINGH	Ch. Optr(SAP) Gr I	SAP PROCESS	Sulphur unloading pit Fume vent lines to be steam jacketed
98	RAJ KUMAR VISHWAKARMA	Dy. Mgr.(Mech)	MECH.[POWER PLANT)	Boiler equipments logic annunciation with stop & trip of equipments differentiation on the basis of colour coding and initiation of pop-up window.
99	RAJ KUMAR YADAV	Mgr.(DAP)	DAP PROCESS	Ammonia flow controller interlocking to be given with D& F FAN current
100	RAJESH KUMAR	Mgr.(DAP)	DAP PROCESS	A dump chute for draining of under grade material during grade change and other situation.
				Provision of a riser in scrubber separator at the end of conical section in place of cross bar
				Provision of strip on inner circumferential of Granulator rubber panel 1m ahead from the feed end
				Pull chord to be fixed to decrease damage
101	RAKESH RANJAN JENA	Mgr.(Mech)	PORT OPERATION	To provide ammonia unloader wheel both end collar (flange) so it will never derail.
102	RAM KUMAR	Ch Tech(Mech) Gr II	SAP MECHANICAL	Modification of vibrofeeder tray



S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
103	RAMESH KUMAR A	Dy. Mgr.(Inst)	INSTRUMENTATION - I	To provide redundancy in Ethernet switch for ABB DCS in DAP Train - A and C
104	RANJAN KUMAR SETH	Dy. Mgr.(Mech)	PRODUCT HANDLING	Inserting one fix idler with bracket for preventing of belt slippage
105	RANJEET SINGH	Rigger Gr L1(Prod)	DAP PROCESS	Extension of existing steam line towards ammonia sparger's leg support portion
106	RANKANIDHI PANDA	Ch.Optr(Power) Gr II	MECH.[POWER PLANT)	Control room packaged Air Condition outlet water line modification to be done.
107	RITAM BISWAS	Asstt. Mgr.(Proc)	SAP PROCESS	Modification of acid pump tank drain valve position from vertical to horizontal position near nozzle
				Water recovery pump run and stop logic with tank level to avoid empty running of pump
				Extension of water recovery tank vent line up to ground level
				Provision of extra flange in economiser shell gas drain line
				Sulphur precoating tank overflow line to be connected to VPT 3 roof
				Relocation of HRS dosing pumps from risky acid area to safe area
108	ROHIT KUMAR SAHU	Mgr.(DAP)	DAP PROCESS	Provision of strip on inner circumferential of Granulator rubber panel 1m ahead from the feed end
109	S JAGADEESWARA RAO	Dy. Mgr.(Inst)	INSTRUMENTATION - I	removal of barriers by putting terminals through TB's at marshaling panel to improve efficiency
110	S K MOHAPATRA	Mgr.(GE)	GEN. ENGG SERVICES	Telescopic chute in rock phosphate silo to reduce dust emission

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111	S UTTAR SINGH MOHAPATRA	Optr(SAP) Gr I	SAP PROCESS	VPT-1 overflow line to be extended inside dyke wall of filter building area
112	SABYASACHI PATTANAIAK	Dy. Mgr.(A/Cs)	F& A	Saving of inward freight cost of material purchased on Ex-work instead of FOR.
113	SAMARESH DAS	Mgr.(DAP)	DAP PROCESS	A dump chute for draining of under grade material during grade change and other situation.
114	SANATAN OJHA	Rigger Gr L1(Prod)	DAP PROCESS	Provision of on dump chute in polishing screen hopper floor
115	SANDEEP SRIVASTAVA	Sr. Mgr.(Mech)	MECH(OFFSITES)	Modification in chain mill rotor
116	SANISCHAR MISHRA	Sr Optr(PAP) Gr I	PAP PROCESS	Silo side drain to be covered by slabs/ plates to avoid wastage of rock
117	SANJIB KUMAR	Asstt. Mgr.(Inst)	INSTRUMENTATION - I	Auto siphon breaker to be installed in acid pump tank
				Bearing oil temperature alarm set value to be changed for BFW pumps.
118	SANTOSH KUMAR	Mgr.(GE)	GEN. ENGG SERVICES	Automation of fire suppression system for reclaiming conveyor at New Sulpur silo
119	SANTOSH KUMAR MOHAPATRA	Asst Optr(SAP) Gr I	SAP PROCESS	Sulphur unloading pit pump discharge line PG nozzle to be made jacketed
120	SAROJ KR MOHANTY	Asst Optr(SAP) Gr I	SAP PROCESS	Funnel with 8"pipe provision below the head pulley of stiff angle conveyor
				Insulation to be provided in HRS all analyser lines.
				Drain line to be provided in HP de superheating line in both trains of SAP

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
121	SARVESH KUMAR	Mgr.(Instr.)	INSTRUMENTATION - I	Installation of diaphragm seal type pressure transmitters
122	SATYABRATA MOHAPATRA	Ch Tech(Mech) Gr II	CENTRAL WORKSHOP	Modification in bucket cylinder of Tata Hitachi Excavator EX300/350
				Installation of rear view camera and safety sensor in the crane
123	SATYAJEET MOHANTY	Dy. Mgr.(DAP)	DAP PROCESS	platform and a door to be provided at fines conveyor floor for 23 and 24 screen outlet
				Door to be provided at D&F plenum outlet duct just back to plenum
124	SAURABH SRIVASTAVA	Mgr.(Power)	POWER PLANT	Frequent chocking of TG servomotor cooling line.
125	SHAILENDRA KUMAR RAI	Asstt. Mgr.(Mech)	DAP MECHANICAL	Provision of a scrubber nozzle above the dryer and D&F umbrella
				Provision of strip on inner circumferential of Granulator rubber panel 1m ahead from the feed end
126	SHIV SHANKAR SHARMA	Optr(DAP) Gr II	DAP PROCESS	Provision of a strengthening support strip below the oversize inlet screen NO-1
127	SONU TIWARI	Sr. Engineer (SAP)	SAP PROCESS	A fine mesh filter to be provided at the blower suction of sulphuric acid tank C vent dryer
128	SOUBHAGYA RANJAN GHADEI	Mgr.(Elect)	ELECTRICAL - I	To provide Guard plate below the conveyor belt of new conveyor C101A to prevent accident
129	SRINIBAS BISWAL	Dy. Mgr.(Mech)	DAP MECHANICAL	Provision of hinged type movable light weight V-belt guard.

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
130	SUBHA SANKAR NAYAK	Optr(DAP) Gr I	DAP PROCESS	Loading of discharge line to be made MS & is connected to the service tank to reduce leakages.
				One door to be fixed in the Laboratory room near MCC room side.
131	SUBHASISH MISHRA	Mgr.(Mech)	SAP MECHANICAL	To install a steam coil on the roof plate of sulphur melter to maintain temperature and minimize corrosion.
				To lower the base platform of existing conveyor 102 so that the space will be safe for operation and maintenance.
				Modification of header loop in acid area for ease in operation and maint. of valve.
				Modification of vibrofeeder tray
132	SUBRAT KR BEHERA	Ch. Optr(DAP) Gr II	DAP PROCESS	Loading of discharge line to be made MS & is connected to the service tank to reduce leakages.
				Steam jacketing of vegetable oil pumps discharge line.
133	SUMAN KUMAR MANDAL	Dy. Mgr.(SAP)	SAP PROCESS	Additional vibrofeeders (115A and 115B) LCS to be provided at filter floor operator room
				Provision of instrumentation line to burner
				Water recovery pump run and stop logic with tank level to avoid empty running of pump
				Extension of water recovery tank vent line up to ground level
				Inside bricklining provision for VPTs to avoid direct contact of sulphur vapour
				Provision of isolation valve at Tr-1 IAT pump tank roof inspection hole

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
	SUMAN KUMAR MANDAL	Dy. Mgr.(SAP)	SAP PROCESS	Acid import line (common header) drain point to be connected permanently to the trolley pump suction
				Sulphur unloading pit Fume vent lines to be steam jacketed
				Cooling water header vent line modification
				Sulphur precoating tank overflow line to be connected to VPT 3 roof
				Drain pit to be provided to drain economiser, heat exchanger drip acid.
				Relocation of HRS dosing pumps from risky acid area to safe area
134	SUMANTA KUMAR SAHOO	Mgr.(Mech)	SAP MECHANICAL	Modification of header loop in acid area for ease in operation and maint. of valve.
135	SUMIT KUMAR	Dy. Mgr.(Proc)	PAP PROCESS	Contaminated condensate to be used in cloth wash
136	SURENDRA SINGH	Asst Tech(Inst) Gr I	INSTRUMENTATION - I	Relocation of ft PN floor for easy maint. and safety
137	SURESH BHOL	Attendant Gr M	DAP PROCESS	To provide Grizzle and door above the potash bin for cleaning
				Providing a walk way from Granulator floor to Potash Bin manhole door platform.
138	SURESH PRASAD GUPTA	Sr. Mgr.(SAP)	SAP PROCESS	Provision of interlock of sulphur conveyor stoppage with melter sulphur low temperature.
				Gas duct dampers sealing air to be controlled through pressure regulator and air flow meter.
				To provide control valve in IAT acid cooler acid by pass line to maintain tower inlet acid temp.

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
139	SURYAKANTA ROUT	Tech(Elec) Gr I	SAP PROCESS	Provision of Bypass start switch of TG auxillary motors at Energy Center Electrical control Room
				Fixing of Four nos.Ammeter in TG#1 & TG#2 Lube Oil Pump Main & Standby feeders
140	TAPAN KUMAR GHARAI	Dy. Mgr.(DAP)	DAP PROCESS	Provision of dummy in pre scrubber spray tower side (bottom porion)
141	TRIVIKRAM AMBATI	Mgr.(DAP)	DAP PROCESS	Extension of existing steam line towards ammonia sparger's leg support portion
				Control Valve required for LP steam to F.O system, after isolation valve.
				2" line tapping from pre scrubber pinch area header to washbox system(carbon black feeding point)
142	UMESH CHANDRA MOHAPATRA	Rigger Gr L(Maint)	DAP MECHANICAL	Fines belt scraper displacement to prevent material deposit and jam of belt
				Modification of dryer segment bolt to prevent breakdown
143	UMESH CHANDRA SETHI	Asst Tech(Mech) Gr I	SAP MECHANICAL	In molten sulfur pump provision of jack bolt hole in upper casing for easy removal
144	VARIGANJI GOWTHAMI	Engineer(Process)	PROCESS ENGG	Installation of smaller size cooling water pump in ammonia storage area

S.NO.	NAME	DESIGNATION	SECTION	SUGGESTION HEADING
145	VIJAY KUMAR GUPTA	Rigger Gr L1(Prod)	DAP PROCESS	Provision of a scrubber nozzle above the dryer and D&F umbrella
				Repositioning of Pond water isolation valve to Train C
				Loading of discharge line to be made MS & is connected to the service tank to reduce leakages.
				Provision of One inch LP Steam tapping point from LP main header near Vegetable oil unloading area.
				Provision of Fabric valve in the TG Basket filter inlet and outlet lines.
				Provision of a small manhole in the basket filter.
				Camera on the product storage conveyor at coating area for monitoring of colour and coating.
				Steam jacketing of vegetable oil pumps discharge line.
				Repositioning of New Inter Transfer Isolation valve to enhance safety
146	VINAYKUMAR UPENDRABHAI DATIR	Mgr.(SAP)	PROCESS ENGG	Installation of a new small size compressor in Ammonia handling section
				Telescopic chute in rock phosphate silo to reduce dust emission
				Use of hot condensate from ammonia pre-heater and vaporiser of DAP plant in AFBC boiler deaerator
147	VIVEK YADAV	Asstt. Mgr.(GE)	GEN. ENGG SERVICES	Issue of welding electrodes to contractors on chargeable basis
148	VIVEKANANDAN HARI	Mgr.(Instr.)	INSTRUMENTATION - I	Installation of DIP tube type level measurement for TG cooling tower sump
149	VOONNA GOWTHAM KRISHNA	Asstt. Mgr.(Elect)	ELECTRICAL - I	Placing dump chute in R1 conveyor at suitable locations
150	WASEEM AHMED KHAN	Asstt. Mgr.(Mech)	SAP MECHANICAL	Bearing oil temperature alarm set value to be changed for BFW pumps.

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