

SI No	Description of Objectives	EMP Description	MP No, Rev No & Date	Present Status	Set Target	Time Frame	Derived From
1	To avoid Health hazard due to improper canteen Hygiene	Health hazard due to improper canteen Hygiene	EOHS-HFD-ADMN-EMP-01	Canteen is in Unhygienic condition	1.Canteen should be in Hygienic condition 2.Provision of Hand Gloves & Caps for canteen workers 3.Proper covering of food containers. 4.Periodic feedback from users	25.07.12	HIRA
2	To avoid injury due to fall of person due to improper ladder during operation of ETP	Fall of person due to improper ladder during operation of ETP	EOHS-HFD-ADMN-EMP-02	No Proper ladder provided	1.To replace existing ladder	25.07.12	HIRA
3	To reduce the use of electricity in Security, Housekeeping, Drinking water Management, Industrial water Management, ETP & STP and Office Management	Use of electricity	EOHS-HFD-ADMN-EMP-03	Energy Meters not installed	1.To install six energy meter 2.Conducting training of operator and staff 3.Putting of display boards, Posters, banner 4.Study of Motor Efficiency	30.04.12	Aspects/Impacts
4	To avoid electric shock due to electricity	Electric Shock due to electricity	EOHS-HFD-ADMN-EMP-04	Effective Preventive Maintenance not done	1.Proper inspection of electrical wiring 2.Effective PM	25.04.12	Aspects/Impacts

5	To provide proper storage of oil soaked metal scale, oil soaked saw dust, oil soaked cotton waste and other solid waste	Storage of oil soaked metal scales, oil soaked saw dust, oil soaked cotton waste and other solid waste	EOHS-HFD-ADMN-EMP-05	Storage for oil soaked metal scales, oil soaked saw dust, oil soaked cotton waste and other solid waste was not done	1.To install fifteen big size bins. 2.Conducting training of operator and staff 3.Putting of display boards, Posters	25.07.12	Aspects/Impacts
6	To avoid land contamination due to canteen waste	Disposal of canteen waste	EOHS-HFD-ADMN-EMP-06	Saggrigation of canteen waste was not done	1.Segregation of canteen waste 2.Composting of biodegradable canteen waste	05.05.12	Aspects/Impacts

7	To avoid fall of person due to improper drainage covers at ETP drainage line	Fall of person due to improper drainage covers at ETP drainage line	EOHS-HFD-ADMN-EMP-07	Covers for ETP drainage line were not provided	1.To provide proper drainage covers to ETP drainage line 2.Cleaning of ETP drainage line	25.07.12	HIRA
8	To reduce the use of water consumption	Use of water	EOHS-HFD-ADMN-EMP-08	Twelve water meters not installed	1.To install twelve water meter 2.Conducting training of operator and staff 3.Putting of display boards, Posters, banner	05.05.12	Aspects/Impacts
9	To avoid spillage of water at canteen area	Spillage of water	EOHS-HFD-ADMN-EMP-09	Proper maintenance of taps and pipes not done	1.Proper maintenance of taps & pipes 2.Provision of bigger size basins	05.05.12	Aspects/Impacts
10	To stop spillage of oil	Spillage of used oil and waste coolant	EOHS-HFD-ADMN-EMP-10	Secondary containment arrangement was not done	1.Installation of six secondary container 2.Procurement of three suction pumps 3.6 Spill Mobs 4.Training to operators	15.07.12	Aspects/Impacts
11	To avoid slippage of person due spillage of detergent water	Spillage of detergent water during cleaning	EOHS-HFD-ADMN-EMP-11	Display boards not displayed	1.Procurement of caution board with stand	05.05.12	HIRA

12	To avoid injury due to snake, scorpion & other insect bites	Snake, Scorpion & Other Insect Bites	EOHS-HFD-ADMN-EMP-12	First Aid medicines not provided	1.To have adequate first aid medicines 2.Conducting training for workers & staff. 3.Avail service of snake catcher	05.05.12	HIRA
13	To avoid Health hazard due to improper chairs & use of computers	Health hazard due to improper chairs & use of computers	EOHS-HFD-ADMN-EMP-13	Broken chairs were not replaced	1.Replacement of broken chairs 2.Use of UV screens for all computers	25.07.12	HIRA
14	To provide Occupational Health Center	Absence of Occupational Health Center	EOHS-HFD-ADMN-EMP-14	Occupational Health Centre not provided	1.To provide proper Occupational Health Center (One at HFD/MFD & One at PAD). 2.Appointment of Male nurse	25.10.12	HIRA
15	To avoid injury while handling of phosphating / ETP sludge	Injury to person while handling of phosphating / ETP sludge	EOHS-HFD-ADMN-EMP-15	Proper ladder not provided	1.To provide adequate ladder (two nos) 2.Use of mask during handling of sludge 3.Repair of damaged tank cover	25.07.12	HIRA
16	To avoid injury to eye due to exposure to acid	Eye injury due exposure to acid	EOHS-HFD-ADMN-EMP-16	Eye washer cum shower not provided	1.To provide Eye washer cum shower (One at MFD & One at PAD) 2.Replacement of tank cover at ETP	25.07.12	HIRA

17	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-HFD-ADMN-EMP-17	Sand buckets not provided	1.Installing Sand buckets 2.Effective Preventive maintenance	15.05.12	HIRA
18	To avoid injury due to accidental fall of person due to improper platform during pumping of water from well to factory unit.	Fall of person due to improper platform during pumping of water from well to factory unit	EOHS-HFD-ADMN-EMP-18	Safety ladder & railing on flatform not provided	1.To provide proper safety ladder & railing on platform 2.Maintenance of platform	25.07.12	HIRA
19	To avoid injury due to accidental fall of person while climbing on sintex tank	Fall of person during climbing on sintex tank	EOHS-HFD-ADMN-EMP-19	Safety ladder not provided	1.To provide proper safety ladder on sintex tank 2.Conducting training for operator	05.05.12	HIRA
20	To avoid injury due to fall of person due to Damage of Platform at STP	Fall of person due to Damage of Platform at STP	EOHS-HFD-ADMN-EMP-20	Damage flatform not repaired	1.To replace existing metal sheet platform with concrete block at Raw Sewage Collection Tank 2.To replace damaged checker plate of aeration tank platform & provide railing to ladder	25.07.12	HIRA
21	To reduce generation of heat	Generation of Heat	EOHS-HFD-HT-EMP-01	Heat extract system is not provided	1.Heat extract system(common department) 2.Measurement 3.Protective clothing	05.10.12	HIRA

22	To reduce spillage of broken brick	Spillage of broken bricks	EOHS-HFD-HT-EMP-02	Preventive Maintenance not done	1.Effective PM	15.05.12	Aspects/Impacts
23	To reduce spillage of furnace oil	Spillage of furnace oil	EOHS-HFD-HT-EMP-03	Preventive Maintenance not done	1.Effective PM 2.Modification of 2 Tray 3.Training of operator	05.12.12	Aspects/Impacts
24	To reduce the use of electricity	Use of electricity	EOHS-HFD-HT-EMP-04	Energy Meters not installed	1.To install energy meter 2.Conducting training of operator 3.Putting of display boards, Posters, banner	20.05.12	Aspects/Impacts
25	To avoid electric shock due to electricity	Electric Shock due to electricity	EOHS-HFD-HT-EMP-05	Preventive Maintenance not done	1.Effective PM 2.5 Rubber Matting	15.07.12	HIRA
26	To reduce generation of noise	Generation of Noise	EOHS-HFD-HT-EMP-06	Noise monitoring was not done	1.Measurement 2.Provision of rubber mats in bins 3.Use of ear plugs	05.05.12	HIRA

27	To stop spillage of Hot Jobs	Spillage of Hot Jobs	EOHS-HFD-HT-EMP-07	Modification of collection tray was not done	1.Modification of collection tray	15.07.12	HIRA
28	To avoid injury due to failure of crane	Failure of crane	EOHS-HFD-HT-EMP-08	Preventive Maintenance not done	1.Effective PM 2.Training to operator 3.Display of Dos and Dents with photo	15.10.12	HIRA
29	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-HFD-HT-EMP-09	Sand buckets not provided	1.Installing Sand buckets	15.05.12	HIRA
30	To reduce generation of Fumes	Generation of Fumes	EOHS-HFD-HT-EMP-10	Fume extraction system was not provided	1.Fume extract system(common department) 2.Measurement 3.Use of nose mask	05.10.12	Aspects/Impacts
31	To reduce spillage of oil and water	Spillage of oil and water at Compressor	EOHS-HFD-MNT-EMP-01	Secondary containment arrangement was not done	1.Provision of secondary containment 2.Effective Preventive maintenance	15.05.12	Aspects/Impacts

32	To reduce generation of fumes	Generation of fumes	EOHS-HFD-MNT-EMP-02	Fume extraction system was not provided	1.Installation of Fume extraction system	15.06.12	Aspects/Impacts
33	To measure the use of water	Use of water	EOHS-HFD-MNT-EMP-03	Water meters not provided	1.Installation of Water meters	15.06.12	Aspects/Impacts
34	To reduce spillage of oil	Spillage of oil	EOHS-HFD-MNT-EMP-05	Effective Preventive Maintenance not done	1.Effective preventive maintenance to be done	15.04.13	Aspects/Impacts
35	To reduce injuries to persons	Injury to body by falling of spares during handling	EOHS-HFD-MNT-EMP-06	Railing system not done	1.Installation of railing system 2.Training to operators	15.05.12	HIRA
36	To eliminate burn injuries to persons and fire hazard	Burn injury due to sparks by welding/Fire hazard by gas cutting process	EOHS-HFD-MNT-EMP-07	Separate location for welding not done	1.Separate location for welding/Gas cutting 2.Provision of welding curtions	15.10.12	HIRA

37	To reduce generation of heat	Generation of heat	EOHS-HFD-PRS-EMP-01	Measurement was not done	1.Measurement of heat	05.05.12	Aspects/Impacts
38	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-HFD-PRS-EMP-05	1.Fire alarm system was not installed	1.Fire Alarm system 2. Installing sand buckets 3. Effective preventive maintenance	15.05.12	HIRA
39	To reduce generation of smoke	Generation of smoke	EOHS-HFD-PRS-EMP-03	Smoke exhaust system not provided	1.Smoke exhaust system 2.Measurement of smoke	15.07.12	Aspects/Impacts
40	To reduce generation of noise	Generation of Noise	EOHS-HFD-PRS-EMP-02	Silencors not provided in forging presses	1.Provision of silencers in forging presses 2. Measurement of noise	15.07.12	Aspects/Impacts
41	To eliminate the injuries to press operators	Cut of limbs in trimming, piercing	EOHS-HFD-PRS-EMP-04	Sensors not provided	1.Provision of sensors in trimming/piercing	15.06.12	HIRA

42	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-HFD-STR-EMP-01	Sand buckets not provided	1.Provision of sand buckets 2.Storage at isolated places	15.05.13	HIRA
43	To reduce noise pollution in mobile crane	Noise pollution in mobile crane	EOHS-HFD-STR-EMP-02	Maintenance of mobile crane not done	1.Maintenance of mobile crane	31.05.12	Aspects/Impacts
44	To avoid fire hazard	Fire hazard due to storage of acetylene cylinders	EOHS-HFD-STR-EMP-03	Multiple exit doors not provided	1.Provide multiple exit doors	15.06.12	HIRA
45	To avoid fire due to storage of oil, diesel	Fire hazard due to storage of oil, diesel	EOHS-HFD-STR-EMP-04	Fire alarm system not provided	1.Storage at isolated place 2.Provision of fire alarm system	15.10.12	HIRA
46	To prevent of injuries due to clamping of dies	Clamping of dies	EOHS-HFD-QA-EMP-01	Torque wrench not provided	1.Provision of torque wrench 2.Training	10.05.12	HIRA

47	To reduce use of electricity	Use of electricity	EOHS-HFD-QA-EMP-03	Energy Meters not installed	1.Install two energy meters 2.Conducting training 3.Display of posters	15.05.12	Aspects/Impacts
48	To reduce the generation of dust	Generation of dust in shot blasting and finishing	EOHS-HFD-QA-EMP-02	Dust extraction system not provided	1.Provision of dust extraction system 2.Measurement of dust	15.10.12	Aspects/Impacts
49	To prevent fire hazard while linishing	Generation of friction spark	EOHS-HFD-QA-EMP-12	Safety guard not provided	1.Provision of safety guard	10.05.12	HIRA
50	To reduce generation of noise	Generation of noise in shot blasting & coining	EOHS-HFD-QA-EMP-11	Silencers not provided	1.Provision of silencers in machines 2.Measurement of noise 3.Use of ear plug	05.10.12	HIRA
51	To prevent injuries during loading/unloading of boxes	Handling of boxes in shipping	EOHS-HFD-QA-EMP-10	Separate forklift not provided	1.Provision of separate forklift 2.Training	05.10.12	HIRA

52	To prevent injuries during loading/unloading of dies	Loading/unloading of dies	EOHS-HFD-QA-EMP-09	Die lifter not provided	1.Provision of die lifter 2.Training	05.10.12	HIRA
53	To prevent injuries while packing	Packing on floor	EOHS-HFD-QA-EMP-08	Chair & table not provided	1.Provision of chair & table for paking	05.10.12	HIRA
54	To prevent injuries to body while operating of hydraulic press	Handling of hydraulic press	EOHS-HFD-QA-EMP-07	Sensors not provided	1.Provision of sensors in hydraulic press	15.07.12	HIRA
55	To stop spillage of MPI oil	Spillage of MPI oil	EOHS-HFD-QA-EMP-06	Secondary containment arrangement was not done	1.Secondary containment to be provide 2.Cover for oil flow	15.07.12	Aspects/Impacts
56	To stop spillage of oil	Spillage of oil	EOHS-HFD-QA-EMP-05	Conveyor system not provided	1.All trays to be made in conveyor system 2.Replacement of damage bins	15.07.12	Aspects/Impacts

57	To reduce spillage of shots in shot blasting	Spillage of shots in shot blasting	EOHS-HFD-QA-EMP-04	Preventive Maintenance not done	1.Preventive maintenance to be done 2.Measurement	05.10.12	Aspects/Impacts
58	To avoid electric shock due to electricity	Electric Shock due to electricity	EOHS-HFD-SNS-EMP-01	Inspection of electrical wiring	1.Proper inspection of electrical wiring 2.Effective PM	30.04.12	HIRA
59	To reduce use of electricity	Use of electricity	EOHS-HFD-SNS-EMP-07	Energy Meters not installed	1.Installation of 2 energy meters 2.Training 3. Display boards	10.05.12	Aspects/Impacts
60	To avoid injury due failure of crane	Failure of crane	EOHS-HFD-SNS-EMP-08	Preventive Maintenance not done	1.Preventive maintenance to be done 2.Display of DO's Don'ts	05.10.12	HIRA
61	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-HFD-SNS-EMP-01	Fira Alarm system not provided	1.Provision of fire alarm system 2.Provision of sand buckets	15.05.12	HIRA

62	To reduce generation of dust	Generation of dust	EOHS-HFD-SNS-EMP-02	Dust extraction system not provided	1.Provision of dust extraction system 2.Measurement of dust	05.10.12	Aspects/Impacts
63	To stop spillage of burr	Spillage of burr	EOHS-HFD-SNS-EMP-03	Conveyor system not provided	1.Proper conveyor system 2.Provide 8 chip brush	15.10.12	Aspects/Impacts
64	To stop spillage of coolant	Spillage of coolant	EOHS-HFD-SNS-EMP-04	Trays not replaced	1.Replacement of 8 trays 2.Preventive maintenance	15.07.12	Aspects/Impacts
65	To stop spillage of oil	Spillage of oil	EOHS-HFD-SNS-EMP-05	Trays not replaced	1.Replacement of 8 trays 2.Preventive maintenance	15.07.12	Aspects/Impacts
66	To avoid electric shock due to electricity	Electric Shock due to electricity	EOHS-HFD-TRM-EMP-05	Preventive Maintenance not done	1.Preventive maintenance to be done	15.07.12	HIRA

67	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-HFD-TRM-EMP-06	Fira Alarm system not provided	1.Provision of fire alarm system 2.Provision of sand buckets	15.05.12	HIRA
68	To reduce generation of dust	Generation of dust	EOHS-HFD-TRM-EMP-07	Dust extraction system not provided	1.Provision of dust collection system 2.Use of nose mask	15.10.12	Aspects/Impacts
69	To reduce the generation of fumes	Generation of fumes	EOHS-HFD-TRM-EMP-01	Fume extraction system was not provided	1.Fume extraction system provision 2.Use of nose mask	15.10.12	Aspects/Impacts
70	To prevent injuries to body while operating of CNC doors	Handling of CNC doors	EOHS-HFD-TRM-EMP-02	Sensors not provided	1.Provision of sensors to 10 CNC machines	15.07.12	HIRA
71	To reduce spillage of oil at EDM	Spillage of oil	EOHS-HFD-TRM-EMP-03	Preventive Maintenance not done	1.Preventive maintenance to be done 2.Training	25.05.12	Aspects/Impacts

72	To reduce the use of electricity	Use of electricity	EOHS-HFD-TRM-EMP-04	Energy Meters not installed	1.Installation of 2 energy meters 2.Training 3. Display boards	15.05.12	Aspects/Impacts
73	To reduce electric shock due to electricity	Electric Shock due to electricity	EOHS-MFD-MCD-EMP-01	Proper earthing not done	1.Ensure proper earthing 2.Effective PM	25.06.12	HIRA
74	To reduce the use of electricity in Flash butt welding in Machining Department	Use of electricity	EOHS-MFD-MCD-EMP-02	Energy Meters not installed	1.Install 2 energy meters 2.Training	15.05.12	Aspects/Impacts
75	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-MFD-MCD-EMP-03	Sand buckets not provided	1.Provision of sand buckets	15.05.12	HIRA
76	To prevent Generation of fumes at Flash Butt Welding, Painting	Generation of fumes	EOHS-MFD-MCD-EMP-04	Measurement was not done	1.Monitoring & Measurement 2.Fume extraction system	05.05.12	Aspects/Impacts

77	To avoid injury due to generation of spark or spatter during welding	Exposure to spatter due to welding/ Generation of spark due to welding	EOHS-MFD-MCD-EMP-05	Safety guard not provided	1.Safety guard provision 2.Procurement of fire redutant	15.06.12	HIRA
78	To prevent spillage of coolant at turning	Spillage of coolant, chips	EOHS-MFD-MCD-EMP-07	Safety guard not provided	1.Installation safety guards	15.06.12	Aspects/Impacts
79	To avoid electric shock due to electricity	Electric Shock due to electricity	EOHS-MFD-PRS-EMP-01	Proper earthing not done	1.Ensure proper earthing 2.Effective PM	25.06.12	HIRA
80	To avoid falling of bins on body	Falling of bins on body while movement by forklift	EOHS-MFD-PRS-EMP-03	Alarm to forklift not provided	1.Installing of alarm to forklift	10.05.12	HIRA
81	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-MFD-PRS-EMP-02	Sand buckets not provided	1.Provision of sand buckets	15.05.12	HIRA

82	To provide comfort to the operator working in hot zone	Generation of Heat	EOHS-MFD-PRS-EMP-10	Leather handgloves not provided	1.Procurement of leather Hand Gloves and Heat Mask	31.04.12	HIRA
83	To reduce Generation of Scale at Press shop area	Generation of Scale in Press shop	EOHS-MFD-PRS-EMP-09	Measurement was not done	1.Monitoring & Measurement 2.Installing of scale collection system	25.04.12	Aspects/Impacts
84	To prevent Generation of fumes at Press Shop	Generation of Fumes	EOHS-MFD-PRS-EMP-08	Measurement was not done	1.Fume extraction system provision 2.Use of nose mask	25.10.12	Aspects/Impacts
85	To prevent generation of noise in press shop area	Generation of noise in press shop	EOHS-MFD-PRS-EMP-07	Measurement was not done	1.Monitoring & Measurement	25.04.12	HIRA
86	To avoid injury of hand while trimming	Putting hand in trimmer	EOHS-MFD-PRS-EMP-06	Sensors not provided	1.Provision of sensors in trimming	31.04.12	HIRA

87	To prevent spillage of press lubrication oil	Spillage of presslubrication oil	EOHS-MFD-PRS-EMP-06	Preventive Maintenance not done	1.Effective preventive maintenance to be done	15.07.12	Aspects/Impacts
88	To prevent accidents during removal and shifting of sludge	Slippage of person while removal and shifting of sludge	EOHS-MFD-QA-EMP-14	Gum boots not provided	1.Provision of gum boots	10.05.12	HIRA
89	To reduce amount of untreated water	Disposal of used water at phospating	EOHS-MFD-QA-EMP-09	RO plant not provided	1.Provision of RO plant	15.06.12	Aspects/Impacts
90	To reduce the use of electricity Oiling operation and calibration	Use of electricity	EOHS-MFD-QA-EMP-02	Energy Meters not installed	1.Provision of 2 energy meters 2.Training	25.04.12	Aspects/Impacts
91	To avoid fire due to electricity	Fire due to electricity	EOHS-MFD-QA-EMP-01	Fire alarm system not provided	1.Provision of fire alarm system 2.Provision of sand buckets	15.05.12	HIRA

92	To prevent Generation of Dust at Shot blasting and linishing, buffing	Generation of Dust at Shot blasting and linishing, buffing	EOHS-MFD-QA-EMP-04	Measurement was not done	1.Monitoring & measurement 2.Dust collector system	25.05.12	Aspects/Impacts
93	To prevent Generation of fumes at Phospating and normalizing	Generation of fumes in Phospating and normalizing	EOHS-MFD-QA-EMP-03	Measurement was not done	1.Monitoring & Measurement 2.Fume extraction system	15.07.12	Aspects/Impacts
94	To reduce generation of heat at normalizing	Generation of heat at normalizing	EOHS-MFD-QA-EMP-13	Ventilation not improved	1.Improve ventilation 2.Provision of remote control for hoist	25.10.12	HIRA
95	To prevent generation of noise in shot blasting	Generation of noise in shot blasting	EOHS-MFD-QA-EMP-05	Preventive Maintenance not done	1.Effective preventive maintenance to be done	31.04.12	HIRA
96	To prevent accidents during handling of barrels by wagon	Falling of barrels while handling by wagon in phospating	EOHS-MFD-QA-EMP-15	Preventive Maintenance not done	1.Effective preventive maintenance to be done	10.05.12	HIRA

97	To prevent accidents during handling of corrugated boxes in packing	Falling of corrugated boxes while packing and loading	EOHS-MFD-QA-EMP-15	Auto loader system not provided	1.Provision of auto loader system for lifting of corrugated boxes 2.Provision of proper stools	15.10.12	HIRA
98	To prevent spillage of jobs at phospating	Spillage of jobs	EOHS-MFD-QA-EMP-12	Locking system not provided	1.Procurement of effective locking system	15.06.12	HIRA
99	To prevent spillage of chemicals at phospating	Spillage of chemicals	EOHS-MFD-QA-EMP-11	Suction pump not provided	1.Provision of suction pump	15.06.12	Aspects/Impacts
100	To prevent spillage of scale at normalizing	Spillage of scale	EOHS-MFD-QA-EMP-08	Frequent cleaning not done	1.Frequent house keeping	Immediate	Aspects/Impacts
101	To reduce use of oil	Use of oil	EOHS-MFD-QA-EMP-07	Preventive Maintenance not done	1.Effective PM 2.Provision of secondary tray	25.05.12	Aspects/Impacts

102	To reduce use of steel shots	Use of steel shots	EOHS-MFD-QA-EMP-06	Preventive Maintenance not done	1.Effective PM 2.Use of magnetic collector system	30.04.12	Aspects/Impacts
103	To reduce use of water	Use of water at phosphating	EOHS-MFD-QA-EMP-10	Preventive Maintenance not done	1.Effective PM	15.06.12	Aspects/Impacts
104	To avoid injury due to breaking of Grinding Wheel at Pedestal Grinding	Breakage of Grinding Wheel at Pedestal Grinding	EOHS-MFD-TRM-EMP-07	Wheel guard not provided	1.Installing wheel guard	31.04.12	HIRA
105	To avoid electric shock due to electricity	Electric Shock due to electricity	EOHS-MFD-TRM-EMP-08	Earthing not provided	1.Ensure proper earthing 2.Effective PM	25.06.12	HIRA
106	To avoid fire due to electricity	Fire hazard due to electricity	EOHS-MFD-TRM-EMP-09	Sand buckets not provided	1.Provision of sand buckets 2.Fira alarm system	15.05.12	HIRA

107	To provide comfort to the operator working in hot zone	Generation of heat	EOHS-MFD-TRM-EMP-01	Leather handgloves not provided	1.Provision of leather hand gloves	15.05.12	HIRA
108	To prevent Generation of Dust at Grinding and Polishing Machine	Generation of Dust at Grinding and Polishing Machine	EOHS-MFD-TRM-EMP-02	Dust collector not provided	1.Monitoring & measurement 2.Dust collector system	25.06.12	Aspects/Impacts
109	To prevent Generation of fumes at EDM Machine	Generation of fumes	EOHS-MFD-TRM-EMP-03	Measurement was not done	1.Monitoring & Measurement	25.04.12	Aspects/Impacts
110	To prevent generation of noise in polishing area	Generation of noise	EOHS-MFD-TRM-EMP-04	Measurement was not done	1.Monitoring & Measurement 2.Installing of cabin	25.10.12	HIRA
111	To prevent spillage of chips and burr	Spillage of Chips and burr at Turning and Drilling operation	EOHS-MFD-TRM-EMP-05	Safety guard not provided	1.Provision of safety guard	15.06.12	HIRA

112	To prevent spillage of coolant turning, Drilling and Grinding	Spillage of Chips and burr at Turning and Drilling operation	EOHS-MFD-TRM-EMP-06	Safety guard not provided	1.Provision of safety guard	15.06.12	HIRA
113	To prevent the injuries while handling the dry ice	Injuries to workmen	EOHS-PAD-MCD-EMP-01	Procurement of thick rubber handgloves	1.Rubber hand gloves to be provided	17.07.12	HIRA
114	To provide proper storage of burr and sludge	Causes land contamination and also fire hazard	EOHS-PAD-MCD-EMP-02	Scrap Yard building not provided	1.Building of scrap yard to be made	25.10.12	Aspects/Impacts
115	To reduce the use of electricity	Natural resources are getting depleted	EOHS-PAD-MCD-EMP-13	Training given to operators		05.05.12	Aspects/Impacts
116	To reduce generation of dust	It causes air pollution	EOHS-PAD-MCD-EMP-12	Dust extraction system not provided	1.Procurement of dust extraction system	25.07.12	Aspects/Impacts

117	To reduce generation of fumes by 50%	It causes air pollution	EOHS-PAD-MCD-EMP-11	Measurement was not done	1.Measurement of fumes to be done	30.06.12	Aspects/Impacts
118	To reduce generation of noise	It causes Noise pollution	EOHS-PAD-MCD-EMP-10	Enclousers provision not done	Enclousers to be provided	25.10.12	Aspects/Impacts
119	To prevent injuries while electric heating of component	Injuries to workmen	EOHS-PAD-MCD-EMP-09	Safe guards not provided Sensors not provided	Safe guards to be provided Sensors to be provided	15.05.12	HIRA
120	To prevent injuries while deburring operation	Injuries to workmen	EOHS-PAD-MCD-EMP-08	Safety belt guards not provided	Safety belt guards to be provided	15.05.12	HIRA
121	To reduce the spillage of antirust oil	Depletion of natural resources	EOHS-PAD-MCD-EMP-07	Modification of collection tray was not done	Modification of trays to be done	25.10.12	Aspects/Impacts

122	To reduce generation and spillage of burr	It causes air pollution and health problem	EOHS-PAD-MCD-EMP-06	Conveyor system not provided	Conveyor system to be improved	25.07.12	Aspects/Impacts
123	To reduce the spillage of oil, coolant	Depletion of natural resources	EOHS-PAD-MCD-EMP-05	Effective Preventive Maintenance not done	Effective preventive maintenance to be done	15.07.12	Aspects/Impacts
124	To reduce use of coolant by 5%	Depletion of natural resources	EOHS-PAD-MCD-EMP-04	Effective Preventive Maintenance not done	Effective preventive maintenance to be done	15.07.12	Aspects/Impacts
125	To prevent the injuries during movement of jobs by trolleys	Injuries to workmen	EOHS-PAD-MCD-EMP-03	Procurement of trolleys not done	Procurement of trolleys to be done	15.07.12	HIRA
126	To reduce consumption of energy in air compressor	Depletion of natural resources	EOHS-PAD-MCD-MNT-01	Use of VFD panel not done	Provision of VFD panel to be made	25.10.12	Aspects/Impacts

127	To avoid electric shock due to electricity	Injuries to workmen	EOHS-PAD-MCD-MNT-03	Electric safety shoes not provided	Electric safety shoes to be provided	25.06.12	HIRA
128	To avoid fire due to electricity	To prevent fire due to electricity	EOHS-PAD-MCD-MNT-02	Fire alarm system not provided	Fire alarm system to be provided	15.10.12	HIRA
129	To stop spillage of coolant during coolant tank cleaning	It is spoils work place environment	EOHS-PAD-MCD-MNT-01	Motor and pipes not used for removing of coolant	Motor and pipes to be provided	30.04.12	Aspects/Impacts
130	To avoid injury due to working on broken tools	Injuries to workmen	EOHS-PAD-MCD-MNT-06	Spare tools not provided	Spare tools to be provided	15.05.12	HIRA
131	To avoid fire hazard due to welding spark	Fire hazard	EOHS-PAD-MCD-MNT-05	Welding curton not provided	Welding curtains to be provided	15.05.12	HIRA

132	To avoid injuries due to working on heights	Injury due to fall of person	EOHS-PAD-MCD-MNT-04	Striker vehicle not provided	Striker vehicle to be provided	15.10.12	HIRA
133	To prevent dripping of residual oil	It causes the land contamination	EOHS-PAD-MCD-PUR-01	Effective drainage system not done	Effective drainage system to be made	15.10.12	Aspects/Impacts
134	To prevent air pollution by burning of old documents	It causes air pollution	EOHS-PAD-MCD-PUR-02	Shearing machine not provided	Shearing machine to be provided	15.07.12	Aspects/Impacts
135	To avoid injury due to failure of crane	Injuries to workmen	EOHS-PAD-MCD-PUR-03	Effective Preventive Maintenance not done	Effective preventive maintenance to be done	15.10.12	HIRA
136	To prevent fire hazards	Fire hazard	EOHS-PAD-MCD-PUR-04	Fire extinguishers not provided	Fire extinguishers to be provided	15.05.12	HIRA

137	To prevent spillage of scrap, oil during disposal	It causes land contamination	EOHS-PAD-MCD-PUR-01	Large bins not provided	Large bins to be provided	15.07.12	Aspects/Impacts
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