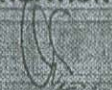



[v]	The project authorities will set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.	A separated Environmental Management cell with suitably qualified people to carry out various functions is already operational under the control of Senior Executive, who reports directly to the Head of the organization.
[vi]	As proposed in EIA/EMP, Rs. 3.20 Crores allocated towards environmental pollution control measures shall be judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government and a time bound implementation schedule for all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purposes.	Rs 4.095 Crores has been spent towards environmental pollution control measures Due to installation of new technology KRES in Ammonia-1 plant production has been enhanced without any additional fuel requirement in existing process the cost incurred on KRES is approximately Rs 29.50 crores.
[vii]	The Regional Office of this Ministry at Lucknow / CPCB / RSPCB shall monitor the stipulated conditions. A six monthly compliance status report and the monitored data alongwith statistical interpretation shall be submitted to monitoring agencies regularly.	Being complied with.
[viii]	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the RSPCB / Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Lucknow.	Noted and complied with.
[ix]	The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work, if any.	Noted
6.0	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted

7.0	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.	Noted
8.0	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted

CHAMBAL FERTILISERS AND CHEMICALS LIMITED, GADEPAN KOTA	
HSEQ SYSTEM PROCEDURE	Doc. No. : HSEQ 05-05
IDENTIFICATION OF UNSAFE CONDITIONS / ACT & REPORTING OF NEAR MISS / INCIDENT / ACCIDENT INVESTIGATION AND ANALYSIS	Edition No. : 01 Rev. No. : 00 Eff. date : Sept. 01, 2007 Page No. : 1 of 8
Approved By:  Unit Head	Issued By:  MR

1 PURPOSE :

- 1.1 To identify unsafe act /conditions / ill health situations which may lead to accident, ill health / environment damage while at work in the factory premises and township.
- 1.2 To ensure that all near miss incidents or accidents are reported, documented and investigated to work out a corrective action plan for accident prevention.

2 SCOPE :

- 2.1 This procedure is applicable within factory premises including Precincts thereof to all employees /contract labour working inside factory premises and township.
- 2.2 This procedure shall cover near miss / incidents, accidents, and dangerous occurrences (Schedule annexed with Rule-101) and Notifiable Disease as mentioned in third schedule-see section 89 & 90 of factory Act 1948.
- 2.3 Procedure shall also cover reporting of "Make to Good" conditions identified as unsafe act /conditions / ill health situations which may lead to accident, ill health / environment damage while at work in the factory premises.

3 DEFINITIONS:

- 3.1 **"MAKE TO GOOD" CONDITIONS** Unsafe act/conditions/ill health situations which may lead to accident, ill health/environment damage while at work in the factory premises.
- 3.2 **NEAR MISS** Any undesired event that under slightly different circumstances, could have resulted in personal harm, property damage, and / or other losses.
- 3.3 **INCIDENTS** Work related event (s) in which injuries or ill health (regardless of severity) or fatality occurred or could have occurred.
- 3.4 **FIRST AID INJURY** An injury requiring only first-aid treatment, normally given by someone other than a physician.
- 3.5 **MINOR INJURY** A minor injury requiring first aid treatment at "Health Centre" and resume duty on same or next day and which is non-reportable.
- 3.6 **LOST TIME ACCIDENT** An accident that causes to someone disablement of temporary nature or his or her work impaired for more than 48 hours from the time of the accident.
- 3.7 **FATAL** Fatality resulting from an accident.
- 3.8 **DANGEROUS OCCURRENCES** Bursting of steam carrying equipments, explosion of pressure vessel, leakage of molten metal or toxic gas, collapse of floor/gallery/roof/bridge, overturning of crane or collapse of lifting equipments like crane, winch, derrick etc.

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4 PROCEDURE FOR IDENTIFICATION OF "MAKE TO GOOD" CONDITIONS (UNSAFE ACT / CONDITIONS / ILL HEALTH SITUATIONS) :

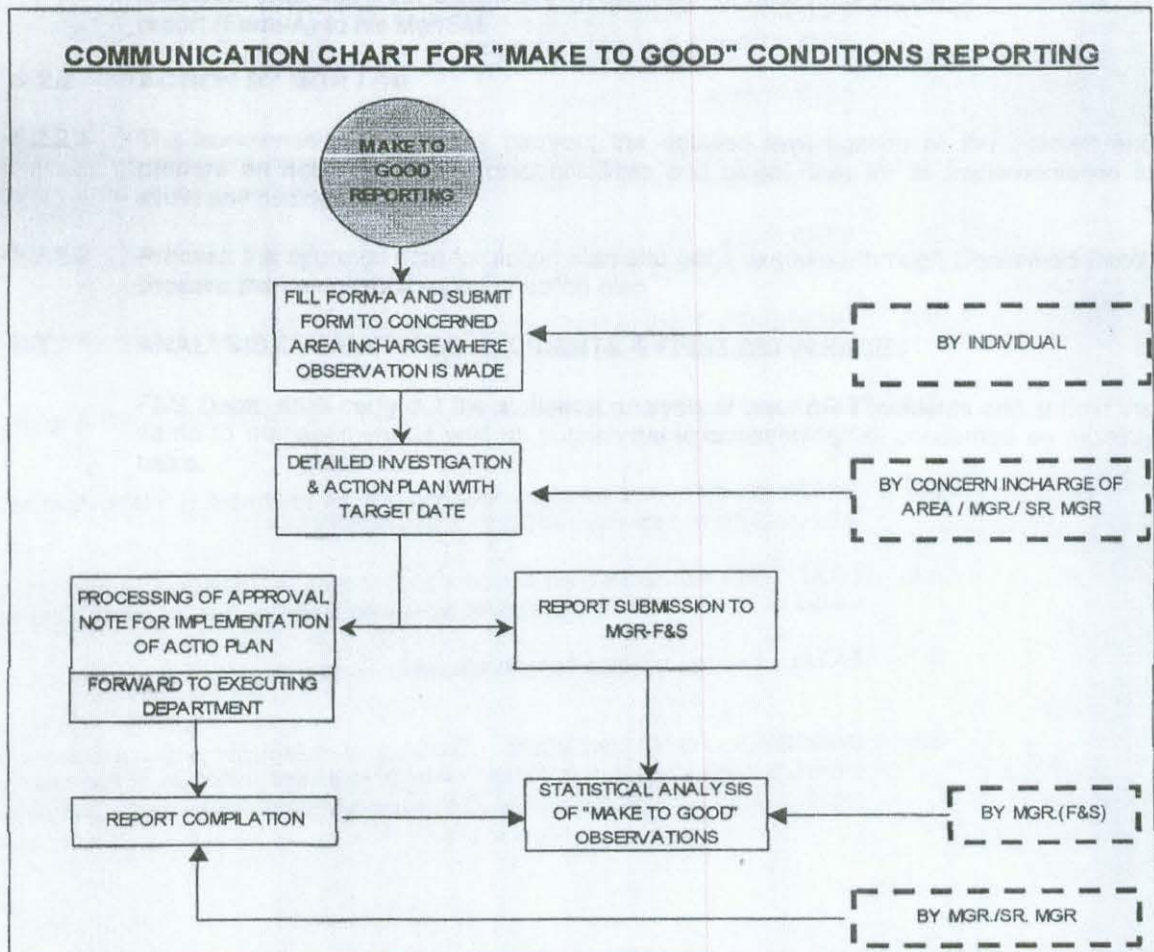
4.1 Potential hazardous situations, unsafe act and ill health causing conditions and corrective action can be identified by any individual company employee/contract labour within or outside his working area.

4.2 While identifying the potential hazardous situations, unsafe act, ill health causing conditions, importance is to be given to the situations and not the person involved for successful proactive monitoring.

4.3 The hazard can be categorized as :

Category	Hazard Description
Grade-A	Immediate Correction Required. (Activity should be discontinued till corrective action is taken to eliminate the risk or to lower it to the minimum level)
Grade-B	Urgent Attention Required (Activity should not be discontinued but urgent attention is required)

4.4 The identification of "Make to Good" conditions can be carried out by any individual and its reporting should follow the following route :



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4.5 Reporting Format : The format for near miss incidence reporting shall be applicable to the "Make to Good" condition reporting also.

5 REPORTING, INVESTIGATION AND ANALYSIS OF NEAR MISS / INCIDENTS & FIRST AID INJURIES:

5.1 "NEAR MISS / INCIDENTS & FIRST AID INJURIES" REPORTING PROCEDURE

Any near miss incident and all first aid injuries occurring within factory premises shall be reported by an individual verbally or in a pre-structured reporting Form-A to the immediate supervisor.

In case of verbal information concerned immediate supervisor shall fill the Form-A.

5.2 INVESTIGATION OF NEAR MISS / INCIDENTS & FIRST AID INJURIES AND ACTION PLAN BUILD-UP

5.2.1 ACTION BY IMMEDIATE SUPERVISOR

Immediate supervisor on receiving the verbal information or the Form-A from an individual shall carry out preliminary investigation of near miss incidents and submit the report (Form-A) to his Mgr/SM.

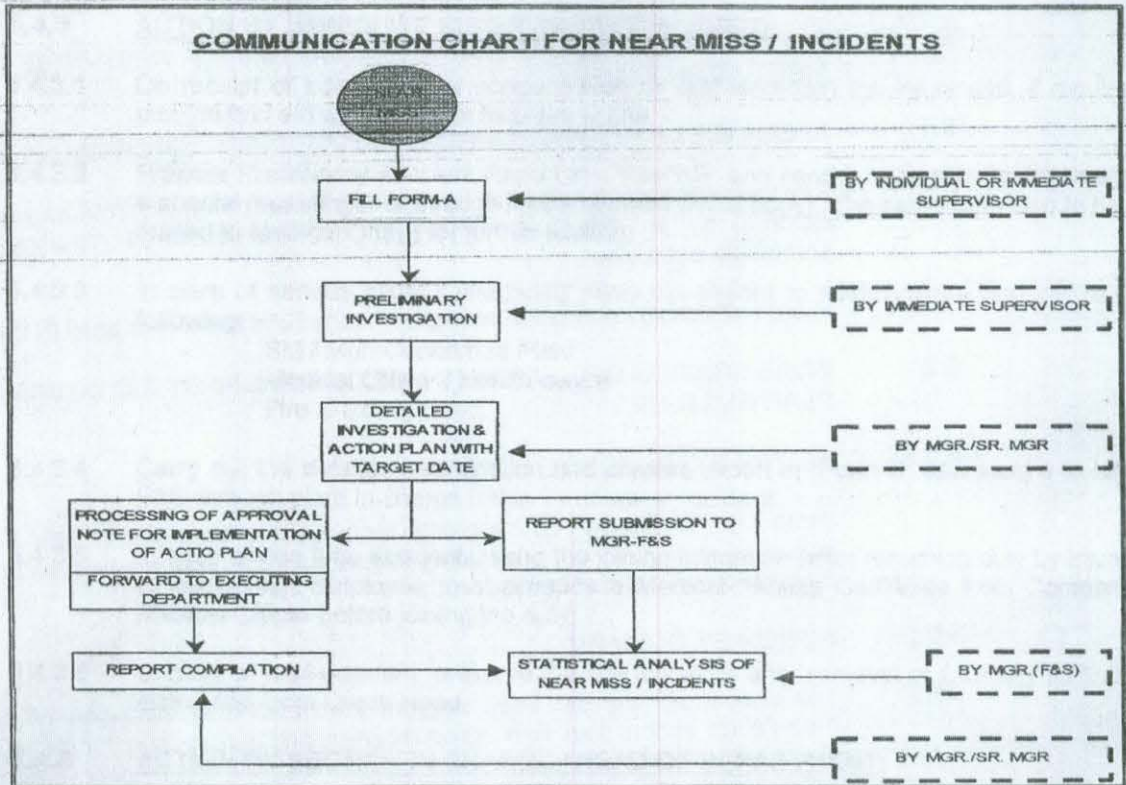
5.2.2 ACTION BY MGR / SM

5.2.2.1 The concerned Mgr/SM shall carryout the detailed investigation of the incident and prepare an action plan with responsibilities and target date for its implementation to avoid any accident in future.

5.2.2.2 Process the approval note for action plan and get it executed through Concerned Deptt. Prepare the compliance report of action plan.

5.3 ANALYSIS OF NEAR MISS / INCIDENTS & FIRST AID INJURIES

F&S Deptt. shall carry out the statistical analysis of near miss incidents and submit the same to management as well as publish the information for all concerned on monthly basis.



5.4.1 ACCIDENT REPORTING PROCEDURE

5.4.1.1 ACCIDENTS WITHIN FACTORY PREMISES

- (a) In case of any accident, which shall include road accidents while coming or going back from duty the injured with help of co-worker / immediate supervisor shall be sent to Health Centre after providing first aid at site (if any).
- (b) The concerned supervisor shall fill the preliminary Accident Reporting Form-B and deliver it to Health Centre for further action by Medical Officer.

5.4.1.2 ACCIDENTS OUT SIDE THE PREMISES

In case of accident outside the factory premises i.e. in township residential area the concerned employee shall report to Health Centre for treatment.

Medical Officer in turn shall inform

- Concerned Deptt. Head / Supervisor
- Manager (Fire & Safety)

so that all relevant procedures as defined in Section 5.4.3 can be initiated by concerned officials.

5.4.2 ACTION BY INJURED PERSON

5.4.2.1 Immediately report about injury /accident to the concerned supervisor.

5.4.2.2 If injury is not serious, get the preliminary accident reporting form "B", duly filled in by the supervisor and reach the health center for treatment.

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5.4.3 ACTION BY IMMEDIATE SUPERVISOR OF INJURED:

- 5.4.3.1 On receipt of information of accident rush to site, ascertain the injury and, if required, provide first aid with available facilities at site.
- 5.4.3.2 Prepare Preliminary Accident Report in - "Form-B" and send it to Health Centre through a special messenger or through injured person (Hard copy). The same form also to be e-mailed to Medical Officer for further routing.
- 5.4.3.3 In case of serious injury immediately send the patient to health centre and inform the following:
- SM / Mgr. Concerned Plant
 - Medical Officer / Health centre
 - Fire & Safety Deptt.
- 5.4.3.4 Carry out the detailed investigation and prepare report in "Form-C" and send it to Mgr.-F&S through plant in-charge within 24 hours of accident.
- 5.4.3.5 In case of loss time accidents, send the joining intimation (after resuming duty by injured) to Mgr.(F&S). Employee must produce a Medical Fitness Certificate from Company's Medical Officer before joining the duty.
- 5.4.3.6 In case of fatal accident, preserve the site evidence after removal of Casualty till further instruction from Deptt. Head.

5.4.4 ACTION BY SECTION IN-CHARGE / HEAD OF DEPARTMENT:

Section in-charge / Head of department shall ensure that:

- (i) Ensure that injured person has been moved to Health centre and is under proper medical care.
- (ii) Ensure that accident is reported well in time in Form-B.
- (iii) Carryout the detailed investigation and prepare necessary corrective action plan, fill in Form-C and send it to Mgr-F&S.
- (iv) Take the required administrative approval for implementing the action plan within targeted time frame and monitor the same.

5.4.5 ACTION BY MEDICAL OFFICER / HEALTH CENTRE:

- (i) On receipt of information of accident, send ambulance (after ascertaining location of accident site) to bring the injured to "Health Centre".
- (ii) As Soon as injured person reaches health center provide him the medical aid ascertaining the extent of injury. If injured is serious, arrange to send him to Kota for specialized treatment and telephonically inform the following officials:

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> (a) VP-O (b) GM-TS&P (c) GM-concerned (d) DGM-HR&A (e) Mgr.-F&S | } | <p>In case of serious injury where person has to be sent for specialized treatment.</p> |
|---|---|---|

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(iii) Complete 'Form-B' clearly indicating if rest is advised for more than 48 hours send it back to the concerned Plant In-charge. A soft copy of the same shall also be forwarded to following officials :

- (a) VP-O
- (b) GM-TS&P
- (c) GM-concerned
- (d) DGM-HR&A
- (e) Mgr.-F&S

(iv) In case Form-B has not been received from the concerned Supervisor, advise the concerned plant/area In-charge to expedite the same [communicating through e-mail or phone].

5.4.6 ACTION BY MGR- F&S / F&S DEPTT. :

- (i) After receiving information of accident from Health Center/Department concerned, rush to the accident site to know the root cause/ to provide assistance if required.
- (ii) In case form-B has not been received from the concerned Supervisor at Health Center, advise concerned area / plant In-charge to expedite the same communicating through e-mail with a copy to HOD.
- (iii) **In case of loss time accident:** On receiving the Form-B from Medical Officer for accidents where the rest has been advised by the Doctor for more than 48 hours, prepare "Form-20" based on "Form-C" and send it to Dy. Chief Inspector of Factories and Boilers, Kota through Unit head.
- (iv) **In case of Fatal Accident:** Complete Form -20, based on Form -"B" & "C" and send the information to following authorities as per rule-101 of Rajasthan Factories Rules-1951 :

Authorities

Information by

- | | |
|---|---------------------|
| a) Chief Inspector of Factories & Boilers Jaipur. | } Through GM (TS&P) |
| b) DY. Chief Inspector of Factories & Boilers Kota | |
| c) District Magistrate or sub-Divisional Officer Kota | |
| d) The officer I/c of SIMLIYA Police Station. | |
| e) Relatives of Victim | |
- By DGM (P&IR)

This information should be sent within 12 hours of fatality.

5.4.7 ACTION BY DGM (HR & A) / DGM (P & IR):

In case of loss time / serious / fatal accident, DGM (HR&A) / DGM (P&IR) shall take care of medical / welfare part of injured person and liaison with local authorities.

5.4.8 INVESTIGATION OF ACCIDENTS:

- 5.4.8.1 In all the cases of accidents, immediate supervisor shall fill the "Departmental Accident Investigation Report Form-C" and sent it to SM /Mgr for review within 24 hrs of Accident.