

| SAFETY AUDIT QUESTIONNAIRE                            |  |  |
|---|--|--|
| <b>HEALTH AND SAFETY POLICY</b>                       |  |  |
| 1   | Does the organization has a health and safety policy? (If yes, please attach one copy)                             | Yes, Copy Attached   |
| 2   | Who has signed the health safety policy? (Indicate his position)   | President of the Company   |
| 3   | Whether it is prepared as per guidelines of the statutory provisions?  |  |
| 4   | When was the safety policy declared and adopted?   | In 2022  |
| 5   | Whether the policy is made known to all?   |  |
| 6   | What was the last date of updating?  | Updating is under process  |
| <b>SAFETY &amp; HEALTH ORGANISATION</b>               |  |  |
| (A)   | <b>Safety Department</b>   |  |
| 7   | Does the factory has a safety department?  | Yes  |
| 8   | If yes, furnish the following information:   |  |
|   | (i)  | Head of the safety department:   |
|   | (a) Name   | XYZ  |
|   | (b) Designation  | Manager, Environment, Health & Safety  |
|   | (c) Qualification  | M.Sc. Environment  |
|   | (d) Experience   | 4 Years  |
|   | (e) Status   | Individual   |
|   | (f) Name of Safety Officer   | ABC  |
|   | (g) Qualification  | Post Diploma in Industrial Safety (PDIS) & BE Chemical   |
|   | (ii) Strength of the safety department including safety officers and staff   | 11   |
| 9   | Does the head of safety department / safety officer report to the chief executive?                                 | Yes  |
| 10  | What additional duties the safety officer is required to do?   | No additional duties given   |
| 11  | What is the power of safety officer for unsafe condition or unsafe act?  | He can advice management as well as worker directly.   |
| (B)   | <b>Safety Committee(s)</b>   |  |
| 12  | Does the factory has a safety committee(s)?  | Yes  |
| 13  | Is the tenure of the safety committee(s) as per the statute?   | Yes  |
| 14  | How are the members of safety committee(s) selected? (elected / nominated)   | Nominated  |
| 15  | How often are the meetings of safety committee(s) held?  | As per statutory provision   |
| 16  | What are the subjects? Are the problems discussed in the meetings?   | Safety matters any are discuss in meeting. (Attach a copy of agenda and minutes of the last meeting) suggestion and problems |
| 17  | Are the minutes forwarded to the trade union(s) and chief executive and occupier?                                  | Yes  |
| 18  | How the management play their active roles in supporting and accepting the committee(s) recommendations ?          | Positive attitude  |
| 19  | 20. How are the safety committee(s) members apprised of the latest developments in safety, health and environment? | By Discussion and Training   |
| (C)   | <b>Safety Budget</b>   |  |
| 20  | What is the annual safety budget?  | Not fixed  |
| 21  | How much budget has utilized till date?  | Not yet assessed, to be done   |
| 22  | How is the safety budget arrived at?   | On demand  |
| 23  | Does this budget get reflected in the annual report of the company?  | Yes  |
| <b>ACCIDENT REPORTING, INVESTIGATION AND ANALYSIS</b> |  |  |
| 24  | Whether the accident data for the last one year for the reportable and non-reportable accident available?          | Yes  |
| 25  | Is there any system of classifying and analyzing the near-miss incidents and accidents?                            | Yes (duty allotted to safety department)   |
| 26  | Are all near-miss incidents and accidents reported occurred during last year.                                      | No near miss or accident reported and investigated?  |
| 27  | Who maintains the accident statistics and data?  | Safety Officer   |
| 28  | How is the top management apprised of these data? -  | By discussion  |
| 29  | Is the accident statistics effectively utilized? If yes, - Yes how?  | By quoting Examples: during training & meeting   |
| 30  | What nature of injuries occurred during the last one Year?   | No permanent disability or fatality.   |
| 31  | How do you ensure implementation of the recommendations to avoid the recurrence of the incidents and accidents?    | By discussion with safety committee  |
| <b>SAFETY INSPECTIONS</b>                             |  |  |
| 32  | What type of safety inspections are carried out and what are their frequencies?                                    | Internal audit at least ones in a year   |

|            |   |   |
|------------|---|---|
| 33         | Is there any system of internal inspection?   | Yes   |
| 34         | Who does the inspection? -  | Safety department of Parent Organization                                |
| 35         | 36. Are the checklists prepared for these inspections?  | Yes (Safety item-wise, for example, housekeeping, fire protection, etc) |
| 36         | To whom the recommendations are submitted?  | Management  |
|            |   |   |
|            | <b>SAFETY EDUCATION AND TRAINING</b>  |   |
| <b>(A)</b> | <b>Training</b>   |   |
| 37         | Is there any training department?   | Not separate but duty assigned to safety department.                    |
| 38         | Is there any program of training?   | Yes   |
| 39         | Mention the duration of induction training for each category of employees.                                | Generally once in a year.   |
| 40         | What infrastructures facilities are available for training?   | Training Room with with audio-visual support are available.             |
| 41         | Do the programs cover the plant safety rules, hazard communication and any other special safety rules?    | Yes   |
| 42         | Whether the training programs are conducted in the local language?  | Yes   |
|            |   | -   |
| <b>(B)</b> | <b>Periodic Training &amp; Retraining</b>   |   |
| 43         | Are all the employees trained and what is the frequency of such training?                                 | Yes once in a year  |
| 44         | Do the training programs cover safety and health aspects  | Yes   |
| 45         | Do the trained supervisors train their own employees in safety and health aspects?                        | Yes   |
| 46         | Do the retraining performed whenever new hazards /process changes are followed / introduced?              | Yes   |
| 47         | How many employees have been trained in safety and health in the last five years?                         | Practically all   |
| 48         | How do you ensure that the training is put to use by the employees trained in safety and health?          | By observations   |
|            |   |   |
| <b>(C)</b> | <b>Safety Communication / Motivation / Promotion</b>  |   |
| 49         | Does the factory has safety suggestion schemes? Give details.   | Program organized during safety week.                                   |
| 50         | Does your factory participate in National Awards / suggestion schemes?                                    | No  |
| 51         | Has your factory been awarded during last five years? -   | No  |
| 52         | Are safety contests organized in the factory? - Give details.   | Yes during celebration of safety week                                   |
| 53         | What are the publications of your organization? Do they include information on safety and health Subject? | Monthly publication ".....", Yes  |
| 54         | Is the literature on safety and health made available to the employees?                                   | Yes   |
| 55         | How is the safety and health publicized in your factory?  | -   |
|            | (i) Bulletin boards?  | Yes   |
|            | (ii) Post serious accidents?  | N.A.  |
|            | (iii) News letter?  | Yes   |
|            | (iv) Others? Specify  | E-mail circular   |
| 56         | Does the organization celebrate safety day / week or organize safety exhibition?                          | Yes Every Year  |
| 57         | When was the last safety day / week celebrated?   | 3/4/2019  |
|            |   |   |
|            | <b>FIRST AID</b>  |   |
| 58         | Are adequate numbers of first aid boxes provided?   | Yes   |
| 59         | Is there any ambulance room?  | Yes   |
| 60         | Are qualified / trained first aid person available in each shift?   | Yes   |
|            |   |   |
|            | <b>OCCUPATIONAL HEALTH CENTRE</b>   |   |
| 61         | Whether occupational safety and health center is provided or not?   | Yes Provided  |
| 62         | Does it conform to the provisions of the existing legislation?  | Yes   |
| 63         | Are the Medical Attendants / Doctors available in each shift?   | Yes   |
| 64         | Is ambulance van available in each shift?   | Yes   |
| 65         | Any liaison with the nearest hospital(s)? Give details  | Give the Details of the Hospital  |
|            |   |   |

| GENERAL WORKING CONDITIOIN        |  |   |
|-----------------------------------|--|---|
| (A)                               | House Keeping  |   |
| 66                                | Are all the passages, floors and the stairways in good condition? -  | Yes   |
| 67                                | Do you have the system to deal with the spillage? -  | Yes   |
| 68                                | Do you have sufficient disposable bins clearly marked and whether these are suitably located?  | Yes   |
| 69                                | Do you have adequate localized extraction and scrubbing facilities for dust, fumes and gases? Please specify.  | Yes scrubbing facilities is available.  |
| 70                                | Whether walkways are clearly marked and free from obstruction?   | Yes   |
| 71                                | Do you have any inter-departmental competition for good housekeeping?  | Yes   |
| 72                                | Has your organization elaborated good housekeeping practices and standards and made them known to the employees?   | Yes (copy attached)   |
| 73                                | Are there any working conditions which make the floors slippery? If so, what measures are taken to make them safe?   | No  |
| 74                                | Does the company have adequate measures to suppress polluting dust arising out from road transport?  | Rare chances of dust arises due to road transport.  |
| (B)                               | Noise  |   |
| 75                                | Are there any machines / processes generating noise? Specify.  | Yes D.G. Set  |
| 76                                | Was any noise study conducted?   | Yes   |
| 77                                | Which are the areas having high-level noise?   | Generator Room  |
| 78                                | Have engineering and administrative controls been implemented to reduce noise exposure below the permissible limits?                                       | Yes Ear Plug & Ear Muff procured  |
| 79                                | If there a system of subjecting all those employees to periodic audiometric test who such in high level noise areas?                                       | No  |
| 80                                | Whether the workers are made aware of the effects of high noise?   | Yes   |
| 81                                | Whether any personal protective equipment along with earmuffs / plugs are included and used.   | Yes   |
| (C)                               | Ventilation  |   |
| 82                                | Whether natural ventilation is adequate?   | Yes   |
| 83                                | Whether dust / fumes / hot air is generated in the process?  | Fumes & Gas Generates in the Process  |
| 84                                | Is there any exhaust dilution ventilation system in any section of the plant?  | Mention the department name if any  |
| 85                                | Are periodic / preventive maintenance of ventilation system carried out and record is maintained?  | Yes, if applicable  |
| 86                                | Does any ventilation system recycle the exhausted air in work areas?   | No  |
| 87                                | Is the work environment assessed and monitored?  | Yes   |
| 88                                | Whether personal protective equipment are given to Workers   | Yes   |
| (D)                               | Illumination   |   |
| 89                                | Was any study carried out for the assessment of illumination level?  | No  |
| 90                                | Is there any system of periodical cleaning and replacing the lighting fittings / lamps in order to ensure that they give the intended illumination levels? | Yes   |
| 91                                | 92. Are the workers subject to periodic optometry tests and records maintained? Give details   | Each worker works in normal lighting so the optometry test is not required.   |
| HAZARD IDENTIFICATION AND CONTROL |  |   |
| 92                                | Are all the hazardous areas identified?  | Yes   |
| 93                                | What are the types of hazards  | Noise, Fire, Explosion, toxic release etc   |
| 94                                | What steps have been taken to prevent these hazards?   | Safety Training, SOP's and Weekly training Program.   |
| 95                                | Are there any safety inter-locks, alarms and trip system? Give details.  | The total system is controlled through DCS in a control room with proper inter- locks & trip system. It is also counter checked manually. |
| 96                                | Are these tested periodically? How often? Please specify.  | Tested regularly by Shift Incharge.   |
| 97                                | Are there any ambient monitoring devices with alarms -Give Details?  | Leak Detectors are provided at strategic locations.   |
| 98                                | Are safety audit or any other studies carried and the recommendations implemented? Give details.   | Internal Safety Audit carried out before 6 months and suggestions implemented in due course.  |
| 99                                | What decision and monitoring equipment are available/ provided and around the plant? Give details  | Gas detection, scrubbers and used for checking the environment conditions in E.T. Plant etc.  |
| 100                               | What has been the major modification done in plant and has taken the approval of the Comptent Authority?   | Not Applicable.   |
|                                   |  |   |
|                                   |  |   |

| TECHNIQUES ASPECT                     |  |  |
|---------------------------------------|--|--|
| Safe Operating Procedures             |  |  |
| 101                                   | Are written safe operating procedures available for all operations?  | Yes  |
| 102                                   | Whether the written safe operating procedures displayed or made available and explained in the local language to the workers?          | Yes and also in English.   |
| 103                                   | Whether the safe operating procedures are prepared jointly by the plant and safety departments?  | Yes  |
| 104                                   | What system is used to ensure that the existing safe parameters are maintained? Give details   | SOP are amended.<br>(1) In case of change any operating procedures are updated.<br>(2) Periodic amendments once in a year. |
| 105                                   | Have the workers been informed of the consequences of failure?   | Yes  |
| 106                                   | Are contractor workers educated and trained to observe safety and workplace?   | Yes  |
| 107                                   | Whether contractor's workers are permitted on process / operations? Give details.  | Not permitted  |
| WORK PERMIT SYSTEM                    |  |  |
| 108                                   | What necessary type of work permits exists in your factory? Give details.  | Hot work, Cold work, Entry in confined space.  |
| 109                                   | What are the hazardous chemicals handled?  | Give Details   |
| 110                                   | Are the keys kept for individual locks which are used for electrical lockouts with the supervisor concerned?                           | Yes  |
| WASTE DISPOSAL SYSTEM                 |  |  |
| 111                                   | Is identification done for various types of wastes?  | Yes  |
| 112                                   | What are their disposal modes?   | E.T. Plant, Scrubber & Incinerator   |
| 113                                   | What are the systems / measures adopted for controlling air / water / land pollution?  | E.T. Plant, Scrubber & Incinerator and Training.   |
| 114                                   | What is the system of effluent treatment plant and whether the competent authority approves it?  | Effluent treatment plant is approved by competent authority  |
| 115                                   | How are the treated effluent used?   | In gardening   |
| PERSONAL PROTECTIVE EQUIPMENTS (PPEs) |  |  |
| 116                                   | Has a list of required PPEs for each area operation been developed and the required PPEs is made available to the workers?             | Yes  |
| 117                                   | Are the safety department and the workers consulted in the selection of PPEs?  | Yes  |
| 118                                   | Have the workers been trained for proper used?   | Yes  |
| 119                                   | What is the system of replacement?   | By reporting to Safety Officer   |
| 120                                   | What are the arrangements for safe custodies storage of PPEs provided to the workers?  | Supervisor is responsible  |
| 121                                   | Are the contractor's workers provided with the required PPEs? Who is responsible? Give details.  | Contractor workers are also getting PPEs   |
| 122                                   | Are the PPEs conforming to any standard? Give details.   | ISI  |
| FIRE PROTECTION                       |  |  |
| 123                                   | Indicates on a plant layout the location, number (Quantity) and types of portable fire extinguishers available.                        | Total 18 Nos. As per attached annexure   |
| 124                                   | Are the fire fighting system and equipment approved, tested and maintained as per relevant standard?                                   | Yes  |
| 125                                   | What is the inspection and maintenance schedule of the above extinguishers? Who performs these functions?                              | Recharged before expiry date above extinguishers Safety department.  |
| 126                                   | Which areas of the plant are covered by fire hydrants?   | Complete area as per Good Engineering Practices and provide details.   |
| 127                                   | What is the capacity of dedicated water reservoir to the hydrants? And what is the source of water?                                    | 1000 K.L. received from own supply. Bore well  |
| 128                                   | 1.0 How is the power supply to the fire hydrant pump   | State Electricity Board  |
|                                       | 2.0 What is the alternate source of supply in case of power failure? Give details  | D. G. Set  |
| 129                                   | Are all personnel conversant with the fire prevention and protection measures?   | Yes  |
| 130                                   | What percentage of plant personnel and staff have been trained in the use of portable fire extinguishers? Give details                 | More than two persons in each shift and all officers.  |
| 131                                   | Do you have fixed or automatic fire fighting installation(s) in any section of your plant?   | No   |
| 132                                   | Are the fire alarms adequate and free from obstruction?  | Yes  |
| 133                                   | Do you have fire department? If yes, give details.   | Not separate but Safety & Security department performs the duty.   |
| 134                                   | What is the system for conducting mock drills? Give details.   | As per statutory requirement   |
| 135                                   | Do you have any mutual aid scheme with any of your neighboring industry or any local organization(s)?                                  | Yes, Provide details.  |
| 136                                   | Do you have any system of color coding for all the pipelines for hazardous chemical? Give details including marking of flow directions | Yes  |
| 137                                   | How many major and minor incidents / fire were there in the factory during the last one year? Give department / plant-wise             | No such incidents  |

|     |   |   |
|-----|---|---|
| 138 | Have all the fires / incidents been investigated and corrective actions taken? Give break up  | Not Applicable  |
|     |   |   |
|     | <b>EMERGENCY PREPAREDNESS</b>   |   |
|     |   |   |
| 139 | Is there an on-site emergency plan for your factory?  | Yes, Give details   |
| 140 | What is the frequency of conducting mock drills of on-site emergency plan?  | Once in a year  |
| 141 | What are the number and location of emergency center & assembly points?   | One emergency control center, two assembly points                                     |
| 142 | Whether emergency team or the key personnel available?  | Yes, Give details   |
| 143 | Are suitable and adequate protective and rescue equipment available?  | At least two vehicle around the clock   |
| 144 | How is the emergency communication with local bodies and other organizations ensured? Give details. -   | By telephone  |
| 145 | What is the medical emergency response system? - Give details.  | 1. The factory has appointed F.M.O.<br>2. Hospital names<br>General Hospital at ..... |
| 146 | How many emergency alarm system(s) is / are   | Available? Give details.  |
|     |   |   |
|     | <b>PLANT LAYOUT AND AREA CLASSIFICATION</b>   |   |
|     |   |   |
| 147 | What is the system of classification of hazardous zones in the plant for electrical installations? Please specify.  | eg Hydrogen & Solvent storage area as well as using area.                             |
| 148 | Whether periodic inspection and preventive maintenance of electrical installations is done by a qualified person and record is maintained?                      | Yes, maintain record no.....  |
| 149 | Whether plant layout with area classification has been displayed at appropriate place(s)?   | yes, on control room and works manager office.  |
|     |   |   |
|     | <b>STATIC ELECTRICITY</b>   |   |
|     |   |   |
| 150 | Whether the process(s) and equipment generate and accumulate static charge?   | yes   |
| 151 | Whether all such equipments properly bonded and earthed?  | yes   |
| 152 | How is electrical resistance earthing circuits maintained?  | Resistances measured by mega meter and records maintained.                            |
| 153 | Are adequate earthing arrangements made at the terminal points where hazardous chemicals are handled through pipes?   | yes   |
|     |   |   |
|     | <b>PRESSURE VESSELS (FIRED AND UNFIRED)</b>   |   |
|     |   |   |
| 154 | Give details of the plants, piping and vessels which are operated at a pressure greater than the atmospheric pressure?  | Reactors, boiler, compressor etc  |
| 155 | How is it ensured that the working pressure inside pressure vessels / pressure plants will not exceed their maximum working pressure for which it is designed?  | Controlled panels.  |
| 156 | What means of isolating the pressure vessels or means to prevent rise in pressure are installed ?   | By providing safety valves, rupture disc.   |
| 157 | What standards / codes of practice are adopted for standards of design, fabrication, operation and maintenance of the pressure vessels and records maintained ? | Indian standard and international standard give codes of design                       |
| 158 | How are the pressure vessels tested ? Give details.   | hydraulic test, show record and procedure   |
| 159 | Is there any competent person for testing these pressure vessels ?  | yes, give details   |
| 160 | How are the recorded results verified ?   | Verified by Engineering Department and Safety Department.                             |
| 161 | Give details of safety devices available for these pressure vessels ?   | Pressure gauge, pressure reducing valve, safety valves, rupture disc.                 |
| 162 | Whether log book for pressure vessel and pressure plant has been maintained ?   | yes by plant, provide record no.  |
|     |   |   |
|     | <b>NEW EQUIPMENT REVIEW</b>   |   |
|     |   |   |
| 163 | What is the system for effecting any change in the existing plant, equipment or process ? Whether it is approved by the appropriate competent authority ?       | When there is a change approval is taken from competent authority                     |
| 164 | Whether the P & I diagrams and other related documents are updated accordingly ?  | Yes   |
|     |   |   |
|     | <b>LIFTING MACHINES &amp; TACKLE</b>  |   |
|     |   |   |
| 165 | Whether all the lifting machines are marked with their S.W.L. ?   | Yes   |
| 166 | Are all the examinations and tests documented in the prescribed form ?  | Yes   |
| 167 | Are all the examinations and tests carried out and certified by competent person(s) ? Give details.   | Yes   |
| 168 | Are adequate lifting tackles provided at all the places where it is required ?  | Yes   |
| 169 | Are the trained operators engaged for operating the equipment ?   | Yes   |
| 170 | What is the system of training such operators ?   | Trained by Engineers  |
| 171 | Are all the lifting machines and tackles maintained in good conditions and record maintained ?  | Yes   |
|     |   |   |

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|-----|--|---|
|     | <b>MOBILE EQUIPMENT AND VEHICULAR TRAFFIC</b>  |   |
| 172 | Are all the mobile equipment in good condition ?   | Yes   |
| 173 | Are trained drivers engaged for fork-lift trucks ?   | Yes   |
| 174 | Are there adequate number of warning signs / signals ?   | Yes   |
| 175 | Are the hazards associated with transportation within the plant identified and safety measure taken ?                      | Yes   |
|     | <b>ACCESS</b>  |   |
| 176 | Is adequate safe access provided to all places where workers need to work ?  | Yes   |
| 177 | Are all such access in good condition ?  | Yes   |
| 178 | Are portable access platforms necessary ? If yes :   | No  |
|     | (i) Are these sufficient ?   | N.A.  |
|     | (ii) Are these regularly inspected ?   | N.A.  |
|     | (iii) Are these readily available ?  | N.A.  |
|     | (iv) Are these provided with toe-boards and railings ?   | N.A.  |
| 179 | Oiling and greasing points :   |   |
|     | (i) Are these located and extended to safe place ?   | Yes   |
|     | (ii) Are these easily accessible ?   | Yes   |
|     | (iii) Are these liable to drip into walk ways ?  | No  |
|     | (iv) Whether such workers were trained and whether they are provided with fit-tight clothings and register is maintained ? | Yes   |
| 180 | Are all drain covers in good condition and fitting flush ?-  | Yes   |
|     | <b>MATERIAL HANDLING</b>   |   |
| 181 | Are there adequate storage facilities available ?  | Yes   |
| 182 | Are these areas clearly defined ?  | Yes   |
| 183 | Are all racks and steel ages in good condition ?   | Yes   |
| 184 | Have you adequate equipment for handling materials ?   | Yes   |
| 185 | Do the workers know the hazards associated with manual material handling ?   | Yes   |
| 186 | Where manual handling is necessary, are the workers  | Yes   |
| 187 | Do workers follow safe procedures for storage of   | Yes   |
| 188 | Whether contractor workers are trained in safety ?   | Yes   |
|     | <b>TANK STORAGE VESSEL AREA</b>  |   |
| 189 | Whether it is pressure vessel or not.  | give details  |
| 190 | Give the names of storage materials in each of them.   | give details  |
| 191 | What are the vessel sizes (capacity in tones) ?  | give details  |
| 192 | What is the material of construction for each vessel and what standards followed in designing / fabricating the vessel ?   | give details  |
| 193 | What are the operating pressure and temperature ?  | give details  |
| 194 | Indicate whether vessels are above ground/underground.   | give details  |
| 195 | If any of the tanks storing flammable material, whether electrical installations are flameproof or not ?                   | 9953  |
| 196 | Are these storage vessels banded / dyked ?   | give details  |
| 197 | If yes, what is the capacity of the bunds / dykes ?  | give details  |
| 198 | Are the vessels properly bonded and earthed and whether periodically checked and record maintained ?                       | give details  |
| 199 | How are vessels isolated in the event of a mishap ?  | Pressure sensor is provided in controlled room and gas sensor.    |
| 200 | Are the vessels find with remotely controlled isolation  | Yes   |
| 201 | Are vessels provided with emergency vent, relief valve, bursting disc, level indicator, pressure gauge overflow line ?     | Yes   |
| 202 | Where do such seats discharge ?  | atmosphere  |
| 203 | Are the vessels produced with alarms for high level, high temperature and high pressure ?                                  | Yes   |
| 204 | Are stand by empty tanks provided for emptying in case of emergencies ?  | Yes   |
| 205 | What are the provisions made for fire fighting /tackling emergency situations around the storage vessels.                  | Fire Hydrants with monitor, extinguishers, Water spraying system. |
| 206 | What periodical testings are carried out on the vessels to find out the integrity of the vessels ?                         | Yes, (daily base)   |
| 207 | Whether these tests are certified by the approved competent persons ?  | yes   |
| 208 | Whether log sheets are filled up on daily basis for recording the parameters of these vessels ?                            | yes   |
|     | <b>ON-SITE GAS CYLINDERS STORAGE AREA</b>  |   |
| 209 | What are the various gas cylinders used in the plant ?   | give details  |
| 210 | What are the storage facilities ?  | Stored under shed   |
| 211 | What are the measures taken for combating any emergency in the cylinders storage area?                                     | Fire hydrants, S.B.A., Hood, Pits and gas kits.                   |
| 212 | Are valid licenses available for storing all these   | yes   |
| 213 | Whether integrity test certificates are obtained from the suppliers of the cylinders ?                                     | yes   |
|     | <b>COMMUNICATION SYSTEM ADOPTED IN PLANT</b>   |   |
| 214 | Are public address system available in all plant areas ?   | yes   |
| 215 | Are public address systems provided with uninterrupted power supply ?  | yes   |
| 216 | Whether public address system is checked periodically for its proper functioning ?   | yes   |

|     |  |   |
|-----|--|---|
| 217 | Is there any hot line provided to fire station ?             | no, if yes give details                         |
| 218 | What is the means of communicating emergency in the plants ? | Telephone, (Land Line and Mobile), give details |
|     |  |   |

|     |   |              |
|-----|---|--------------|
|     | <b>TRANSPORTATION</b>   |              |
| 219 | What potentially hazardous materials are transported to or from the site (including wastes)?            | give details |
| 220 | What modes of transport are used :  | road         |
|     | (i) Road ?  |              |
|     | (ii) Rail ?   |              |
|     | (iii) Pipelines ?   | -            |
|     | <b>ROAD</b>   |              |
| 221 | Does the company employ licenced vehicle of its own / outside sources ?                                 | outsource    |
| 222 | Are the loading / unloading procedures on-site and safety precautions displayed ?                       | yes          |
| 223 | Are loaded tankers or trucks parked in a specific area on-site ?  | yes          |
| 224 | Do all truck and tanker drivers carry TREM card or instruction booklet ?                                | yes          |
| 225 | Do all truck and tanker drivers get training in handling emergencies during transport ?                 | yes          |
|     | <b>RAIL</b>   |              |
| 226 | What hazardous materials are transported by rail ?  | NA           |
| 227 | Does the company have a direct siding on site ?   | No           |
| 228 | Are tankers or others wagons used in transportation ? –   | No           |
|     | <b>PIPELINES</b>  |              |
| 229 | What materials are transported to and from the site by pipeline ?                                       | NA           |
| 230 | Are the pipelines underground or overground ?   | No           |
| 231 | Are corrosion protection measure employed in pipelines ?  | No           |
| 231 | Whether intermediate booster pumps are used ?   | No           |
| 232 | What is the maximum, minimum and average transfer rates ?   | No           |
| 233 | Are the pipelines extended in the public domain ?   | No           |
| 234 | Are the pipelines dedicated for each type of chemicals? Or multiproduct?                                | No           |
| 235 | Are the pipelines fitted with safety equipment such as leak detectors, automatic shut-off valves, etc ? | No           |
| 236 | What is the frequency and method of testing of the pipeline ?   | No           |
| 237 | Is there written procedure for tackling leakages in pipeline ?  | No           |