

# FACILITY / EQUIPMENT HISTORY CARD

| NAME OF EQUIPMENT : | EQUIPMENT NO:    |
|---------------------|------------------|
| •                   | EQUI IVILITI ITO |

#### **LOCATION:**

| sr. no | Date of maintenance | Break down/problem | Maintenance Activity | Work in charge | Remarks |
|--------|---------------------|--------------------|----------------------|----------------|---------|
| 1      |                     |                    |                      |                |         |
| 2      |                     |                    |                      |                |         |
| 3      |                     |                    |                      |                |         |
| 4      |                     |                    |                      |                |         |
| 5      |                     |                    |                      |                |         |
| 6      |                     |                    |                      |                |         |
| 7      |                     |                    |                      |                |         |
| 8      |                     |                    |                      |                |         |
| 9      |                     |                    |                      |                |         |
| 10     |                     |                    |                      |                |         |
| 11     |                     |                    |                      |                |         |
| 12     |                     |                    |                      |                |         |
| 13     |                     |                    |                      |                |         |
| 14     | -                   |                    |                      |                |         |
| 15     | -                   |                    |                      |                |         |
| 16     | -                   |                    |                      |                |         |
| 17     | -                   |                    |                      | _              |         |

| work incharge |  | VGL       | O & M incharge |
|---------------|--|-----------|----------------|
| Name          |  | Name      |                |
| Signature     |  | Signature |                |
| Date          |  | Date      |                |



### **CUSTORMER SERVICE CALL NOTE-PNG**

| Doc No.  | page |
|----------|------|
| Rev No.  |      |
| Eff Date |      |

| CUSTOMER NAME AN                  | ND ADDRESS ·           | NACNITU A/FAD                      | COMPLAINT NO           | CHICTOMATER CORE          | TVDF      |
|-----------------------------------|------------------------|------------------------------------|------------------------|---------------------------|-----------|
| COSTONIER NAME AT                 | TO ADDINESS.           | MONTH/YEAR                         | COMPLAINT NO           | CUSTOMER CODE             | TYPE      |
|                                   |                        | LOCATION                           |                        |                           |           |
|                                   |                        | LOCATION :                         |                        |                           |           |
|                                   |                        | TELEPHONE NO :                     |                        |                           |           |
|                                   |                        | COMPLAINT RECEIVED BY:             |                        |                           |           |
| TIC                               | 'K                     | COMPLAINT CONVEYED BY :            | DECDONICE DETAIL       | £                         |           |
|                                   | K                      |                                    | RESPONSE DETAIL        | .3                        |           |
| GAS SMELL                         | 201                    | NATURE OF COMPLAINT:               | DATE                   | TIME                      |           |
| RUBBER TUBE CONDITION             | N                      | Dessived.                          | DATE                   | TIIVIE                    |           |
| LEAKAGE IF ANY                    |                        | Received :<br>Reached at Site:     |                        |                           |           |
| OVERALL INSPECTION                |                        | Attended:                          |                        |                           |           |
| CUSTOMER EDUCATED Other (If Any): | ,                      |                                    |                        |                           |           |
| Other (II Ally).                  |                        | Completion:                        |                        |                           |           |
|                                   |                        | Response time: Complaint Details   |                        |                           |           |
| Nature/Observation:               |                        | Complaint Details                  |                        |                           |           |
| Reason/Cause:                     |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
| Reason/Cause:                     |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
| Action Taken :                    |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        | Material Details                   |                        | T .                       |           |
| Sr. Bill of Ma                    | aterials (Used)        | Quantity                           | Amount (Rs.)           | Remarks                   | <u> </u>  |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
|                                   |                        |                                    |                        |                           |           |
| _                                 |                        | Meter Details                      |                        |                           |           |
| Type:                             | New Number             |                                    | New Reading:           |                           |           |
| Pressure:                         | Old Number:            |                                    | Old Reading:           |                           |           |
|                                   |                        | Comments/Feedback/Sugge            | estions by custome     | er                        |           |
|                                   |                        |                                    |                        |                           |           |
| There by do soree that            | my above mentioned gas | installation has been checked/repa | aired/inspected with p | ulsecho Meter and soan    | solution  |
| in my presense & found in         |                        | standion has been encercu/Tep      | an ca, mopeotea with p | allectio ivicter and soap | Jointion, |
| Attend                            |                        | Name                               | e & sign of cus        | tomer                     |           |
| Attenu                            | ica by                 | IValli                             | c & sign of cus        |                           |           |
|                                   |                        |                                    |                        |                           |           |

| VGL                  | NEAR I      | MISS REPORT |
|----------------------|-------------|-------------|
| From:                |             | To:         |
| Concern Area :       |             | Ref:        |
| Subject : " NEAR MIS | S" Report   | Date:       |
| Background :         |             |             |
|                      |             |             |
| Observation :        |             |             |
| Action Taken :       |             |             |
|                      |             |             |
| Remarks :            |             |             |
| F                    | Prepared by | Cheked by   |

Encl. :



Signature:

Date of Petrol :

# Gas Pipline Petrolling Report

|          | VGL   | das ripilite retrolling Keport |          |                       |  |
|----------|---|--------------------------------|----------|-----------------------|--|
| Date of  | Petrol :  | •                              |          |                       |  |
| Netwo    | rk / Area :   |                                |          |                       |  |
| Pipeline | Section :   | Size :                         | Length : |                       |  |
| Sr. no   | Check point   | Pipe size                      | Location | Observation/ Findings |  |
| 1        | Excvation work on near gas pipe line                  |                                |          |                       |  |
| 2        | Civil / construction<br>work on /near gas<br>pipeline |                                |          |                       |  |
| 3        | Erosion of soil                                       |                                |          |                       |  |
| 4        | Encroachment  |                                |          |                       |  |
| 5        | Surface subsidence, flooding                          |                                |          |                       |  |
| 6        | Any other potential hazard                            |                                |          |                       |  |
| 7        | Damage to pipeline markers                            |                                |          |                       |  |
| 8        | Damage to valve chambers                              |                                |          |                       |  |
| 9        | Damage to District regulator stations                 |                                |          |                       |  |
| Remari   | ks:   |                                |          |                       |  |
|          | Work Incharg  | 50                             | \/AI     | DODARA GAS Ltd.       |  |
| Name:    | WOIK IIICIIAI   | <u>;c</u>                      | Name:    | DODANA GAS LIU.       |  |

Signature:

Date of Petrol :

| Contact person  Contact No (O) (M)  Confor Disconnection:  Meter's Parameter at the time of Disconnection  Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type | V G L                    |                | Dis-C      | Connecti      | on Report |
|--|--------------------------|----------------|------------|---------------|-----------|
| Contact person  Contact No (O) (M)  Confor Disconnection:  Meter's Parameter at the time of Disconnection  Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type |                          |                | Date :     |               | Time:     |
| Contact No (O) (M)  On for Disconnection:  Meter's Parameter at the time of Disconnection  Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type                 | ustomer Name             |                |            | Disconnection | on No     |
| Meter's Parameter at the time of Disconnection  Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type  | ddress :                 |                |            | Contact pers  | son       |
| Meter's Parameter at the time of Disconnection  Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type  |                          |                |            | Contact No    |           |
| Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type  | ason for Disconnection : |                |            |               |           |
| Corrected Cummulative Volume  Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type  |                          |                |            |               |           |
| Uncorrected Cummulative Volume  Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type  | Mete                     | er's Parameter | at the tir | ne of Disconn | ection    |
| Mechanical Counter Reading  Pressure  Temperature  Meter No.  EVC No.  Meter Type  | Corrected Cummul         | ative Volume   |            |               |           |
| Pressure  Temperature  Meter No.  EVC No.  Meter Type  | Uncorrected Cummi        | ılative Volume |            |               |           |
| Temperature  Meter No.  EVC No.  Meter Type  | Mechanical Coun          | ter Reading    |            |               |           |
| Meter No.  EVC No.  Meter Type   | Pressur                  | e              |            |               |           |
| EVC No.  Meter Type  | Temperat                 | ure            |            |               |           |
| Meter Type   | Meter N                  | lo.            |            |               |           |
|  | EVC No                   | ).             |            |               |           |
| on Taken :   | Meter Ty                 | /pe            |            |               |           |
|  | Meter N                  | 0.             |            |               |           |
|  |                          |                | V          | ADODARA       | GAS ITD   |

(O & M)

( C & M)

Coustomer's Signature

### **Action Plan For Diwali fastival Safety Activites**

#### Days From:

| Sr No. | Activity Detail                       | Date | Responsibillity       | Remarks |
|--------|---------------------------------------|------|-----------------------|---------|
| Α      | Pre Diwali Actvities                  | •    |                       |         |
|        | Idenfity the competent person         |      | VGL Engineer -O & M   |         |
| 1      | and prepare the action plan to        |      | and O & M             |         |
| +      | carry to the activities on schduled   |      | Shift Incharge        |         |
|        | date and time.                        |      |                       |         |
|        | Review/ recall of previous year's     |      |                       |         |
|        | records and experience, in            |      |                       |         |
| 2      | handling festival and modify/         |      | O & M shift INcharge  |         |
|        | update the current year's planning    |      |                       |         |
|        | / procedure accrodingly               |      |                       |         |
|        | Organize Tool Box training for        |      |                       |         |
|        | all O &M, persons, for explaining     |      |                       |         |
| 3      | every one's role & responsibilty in   |      | Enginner - O & M      |         |
|        | the various activities and safety     |      |                       |         |
|        | precautions during diwali holidays    |      |                       |         |
| 4      | Carry out lock pressure test of the   | NR   | NR                    |         |
|        | PE Network.                           | 1411 | 1411                  |         |
|        | Carry out Leak detection survey       |      |                       |         |
| 5      | on PE Network, especially, on         |      | O & M shift INcharge  |         |
|        | critical and valnerable section /     |      | O & W Shint inventage |         |
|        | network.                              |      |                       |         |
|        | Carry out Leak check and cleaning /   |      |                       |         |
| 6      | removing combustible material         |      | O & M shift INcharge  |         |
|        | like paper, rags, grass, etc In and   |      | o a m sime monarge    |         |
|        | around CGS.                           |      |                       |         |
|        | Carry out Leak check and cleaning /   |      |                       |         |
|        | removing combustible material         |      |                       |         |
| 7      | like paper, rags, grass, etc In and   |      | O & M shift INcharge  |         |
|        | around Valve Chambers and             |      |                       |         |
|        | service Regulators.                   |      |                       |         |
|        | Confirm.adequancy of smell in the     |      |                       |         |
|        | Gas supply,by sending the persons,    |      |                       |         |
| 8      | for smell check, in different         |      | O & M shift INcharge  |         |
|        | secors and studying the no. of smell  |      |                       |         |
|        | complaints received.                  |      |                       |         |
|        | Ensure that wireless equipments       |      |                       |         |
| 9      | and Gas Detectors are in working      |      | O & M shift INcharge  |         |
|        | condition and their batteries are     |      |                       |         |
|        | charged.                              |      |                       |         |
|        | If possible, arrange to issue notifi- |      | VGL Engineer -O & M   |         |
|        | cation from Police Commissioner,      |      | and O & M             |         |
| 10     | for 100 meter restricted area, for    |      | Shift Incharge        |         |
|        | fire cracking around CGS/CNG          |      |                       |         |
|        | station.                              |      |                       |         |

|     | Dunyida 2maa Of watan bushata           |           |                         |  |
|-----|---|-----------|-------------------------|--|
|     | Provide 2nos. Of water buckets,         |           |                         |  |
| 11  | mug, plastic barrel, full with water    |           | O & M shift INcharge    |  |
|     | for extinguishing burning fir crackers  |           | o a m sime monarge      |  |
|     | accidentlly falling in the CGS          |           |                         |  |
| 4.2 | Provide a wireless hand set or          |           | 0.0.04 abits thick as a |  |
| 12  | obile to security Guards t CGS.         |           | O & M shift INcharge    |  |
|     | Carry out Inspection/ Servicing of fire |           |                         |  |
|     | extinguisher provided at CGS/           |           |                         |  |
| 13  |   |           | O & M shift INcharge    |  |
|     | Maintenance Van, to ensure their        |           |                         |  |
|     | working.                                |           |                         |  |
|     | Train/ educated the Security Guards     |           |                         |  |
|     | posted at CGS , during Diwali Days for  |           |                         |  |
|     | 1. Wathch in and around CGS,            |           |                         |  |
|     | 2. Wireless Operation,                  |           |                         |  |
| 1 4 | 3. Extinguishing burning fire           |           | 0.0 Mahift Mahana       |  |
| 14  | crackers/ fire rickets with the         |           | O & M shift INcharge    |  |
|     | help of water buckets.                  |           |                         |  |
|     | 4. Operation / use of fire ,            |           |                         |  |
|     | 5. How to contacts / whom to            |           |                         |  |
|     | -                                       |           |                         |  |
|     | contacts, in case of emergency.         |           |                         |  |
| 1   | Preparation and submission of shift     |           | 0.004 1:6:40            |  |
| 15  | schedule, of O & M manpower             |           | O & M shift INcharge    |  |
|     | planned , during Diwali Days.           |           |                         |  |
|     | Ensuring avalability of company         |           |                         |  |
| 16  | senior person, as per ERP team.         |           | VGL staff               |  |
|     | During Holidays.                        |           |                         |  |
|     | Preparation and irculation of           |           |                         |  |
|     | tele phone nos. of essential persons    |           |                         |  |
| 17  | of O & M contractor ans VGL available   |           | VGL Engineer O & M      |  |
|     | During Diwali Holidays.                 |           |                         |  |
|     | Leak check of all flange / tube joints  |           |                         |  |
|     | of CGS .                                |           |                         |  |
| 18  |   |           | O & M shift INchargo    |  |
| 10  | Cleaning / removung of al               |           | O & M shift INcharge    |  |
|     | combustible material like grass,        |           |                         |  |
|     | paaper, etcIn and arround CGS.          |           |                         |  |
|     | Diwali Mubarak/ Nutan Varsha            |           |                         |  |
|     | Abhinandan letter / News Paper          |           |                         |  |
|     | insert , in Gujrati amy be written to   |           |                         |  |
| 19  | customers, which may cover, apart       | As & When | VADODARA GAS Ltd.       |  |
| 19  | from Diwali and New year Whishes,       | Required  | VADODAKA GAS Etu.       |  |
|     | general Gas releated safety and         |           |                         |  |
|     | special precautions during Diwali       |           |                         |  |
|     | Days, while using crackers.             |           |                         |  |
|     | Display on Local TV cable Network       |           |                         |  |
|     | for message for Diwali Mubark /         | As & When |                         |  |
| 20  | _                                       |           | VADODARA GAS Ltd.       |  |
|     | Nutan Varsha Abhinandan along           | Required  |                         |  |
|     | with Gas safety .                       |           |                         |  |

|    | Pre Diwali Annoncement to the                        |           | VGL Engineer -O & M                     |          |
|----|--|-----------|---|----------|
|    | Customers, where PNG Network                         | As & When | and O & M                               |          |
| 21 | exsts , for Safety precautions,                      | Required  | Shift Incharge                          |          |
|    | while burning crackers.                              | ·         | -                                       |          |
|    | Co- ordition / Liasioning other                      |           |   |          |
| 22 | utilites / local authorities for halting             |           | O & M Shift incharge                    |          |
|    | excavation activities during Diwali                  |           |   |          |
|    | Days   |           |   |          |
|    | Planning of food / snack, for O & M                  |           |   |          |
| 23 | Persons and retirement facility , for                |           | O & M Shift incharge                    |          |
|    | persons working for stretched hours,                 |           |   |          |
|    | During Diwali Holidays.                              |           |   |          |
| В  | Activities During Diwali Days                        |           |   |          |
|    | Patrolling on Network, especially on                 |           |   |          |
|    | critical and valnerable section /                    |           |   |          |
|    | area , along with public                             |           |   |          |
| 24 | announcement , during cracking                       |           | O & M Shift incharge                    |          |
|    | hours i.e. 20:00 hiurs to 24:00 hours                |           |   |          |
|    | on Diwali Days from Dhanteras, Kali -                |           |   |          |
|    | chaudash , Diwali , New Year , Bhai bij.             |           |   |          |
| 25 | Checking and Security / Safety at                    |           | O. P. M. Shift incharge                 |          |
| 25 | CGS at regular intervals, during fire cracking days. |           | O & M Shift incharge                    |          |
|    |  |           |   |          |
| С  | Post Diwali Activities                               |           |   |          |
|    | Preparing report and updating                        |           |   |          |
| 26 | records. Along with Near Miss ,Hazard                |           | O & M Shift incharge                    |          |
|    | Reporting, and Lesson learning, if                   |           | a a m e m e m e m e m e m e m e m e m e |          |
|    | any for sharing with ohers.                          |           |   |          |
|    | prepaid By :   |           | proved By : VADODARA G                  | ias LTD. |
|    |  |           | Engineer - O&M                          |          |
|    |  |           |   |          |
|    |  |           |   |          |
|    |  |           |   |          |
|    |  |           |   |          |

|         | Summa       | ary of O&M Emergency | Van        |
|---------|-------------|----------------------|------------|
| Month:  |             |                      |            |
| Sr. no. | Vehicle No. | Total Kilometers     | Extra Kms. |
| 1       | GJ 6 G 6436 |                      |            |
| 2       | GJ 6 G 9583 |                      |            |

Prepared By

Verified By VADODARA GAS Ltd.

| V G L    | ated       |             | V                  | ALVE CHAMBER                | R MAINTANCE RE | PORT              |
|----------|------------|-------------|--------------------|-----------------------------|----------------|-------------------|
| V/C Name | Date       | Leak Test   | Operation of Valve | Cleaning &<br>White<br>Wash | Painting       | Remarks           |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
|          |            |             |                    |                             |                |                   |
| O & I    | M Contract | or Incharge |                    | VA                          | DODARA GAS Lt  | d O & M Executive |
| NAME     |            |             |                    | N/                          | AME            |                   |
| SIGNATUR | RE         |             |                    | SIGN                        | IATURE         |                   |
| DATE     |            |             |                    | D                           | ATE            |                   |

| V G L  | INITIAL METE                             | R READING REPORT                   | DOC NO:-<br>REV.NO : 00<br>EFF. DATE: |
|--|--|------------------------------------|---------------------------------------|
| SKID DETAILS:  |  | DATE:                              | •                                     |
| MANUFACTURER:-   |  |                                    |                                       |
| CHECK LIST :   | ITEM C                                   | DESCRIPTION                        | STATUS<br>( Done/ Not Done)           |
| 1. Operating instruc   | ction for startup communicated           | d to customer                      |                                       |
| 2. Operating instru  | ction incase of emergency is co          | mmunicated to customer             |                                       |
| 3. Meter display pa volume. Date and                         | rameter ( i.e. Pressure, Temp,c<br>Time) | orreted voume. Uncorrected         |                                       |
| <ul> <li>Date and Time</li> <li>Initial Corrected</li> </ul> | leter Model and Sr. No:                  |                                    |                                       |
| REMARKS :-   |  |                                    |                                       |
|  |  |                                    |                                       |
|  | Technical Group<br>Representative        | Commercial Group<br>Representative | Customer<br>Representative            |
| Signture with Date   |  |                                    |                                       |

NAME



## Daily Checklist of PE & Pipe Fittings & Tools-Tackles to keep in Maintenance Van

| <u> </u> |     |     | •- |   | _ |
|----------|-----|-----|----|---|---|
| LO       | ntı | rac | το | r | : |

| IVIOI      | <del></del>            |            |   |   |   |   |   |   |   | Da | ite |    |    |    |    |    |    | Remarks ( Condition ) |
|------------|------------------------|------------|---|---|---|---|---|---|---|----|-----|----|----|----|----|----|----|-----------------------|
| Sr.<br>No. | Item Name              | Avai. Qty. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9   | 10 | 11 | 12 | 13 | 14 | 15 |                       |
| 1          | PE Coupler Ø125 mm     |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 2          | PE Coupler Ø90 mm      |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 3          | PE Coupler Ø63 mm      |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 4          | PE Coupler Ø32 mm      |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 5          | PE Reducer Ø125XØ90mm  |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 6          | PE Reducer Ø90XØ63mm   |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 7          | PE Reducer Ø63XØ32mm   |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 8          | PE Tee Ø 125 mm        |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 9          | PE Tee Ø 90 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 10         | PE Tee Ø 63 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 11         | PE Tee Ø 32 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 12         | End Cap Ø125 mm        |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 13         | End Cap Ø90 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 14         | End Cap Ø63 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 15         | End Cap Ø32 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 16         | End Cap Ø20 mm         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 17         | Saddle Ø125 X Ø63mm    |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 18         | Saddle Ø90X Ø40MM      |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 10         | +63x40 Reducer         |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 19         | Saddle Ø63X 32 mm      |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 20         | Squeeze Tool Ø125 mm   |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 21         | Squeeze Tool Ø90 mm    |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 22         | Squeeze Tool Ø63 mm    |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 23         | Squeeze Tool Ø32 mm    |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 24         | Alignment Clamp Ø125mm |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |
| 25         | Alignment Clamp Ø90mm  |            |   |   |   |   |   |   |   |    |     |    |    |    |    |    |    |                       |

| 26         | Alignment Clamp Ø63mm      |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
|------------|----------------------------|------------|------|-----|-------|------|------|-------|------|------|------|-----|-------|------|------|------|------|-----------------------|
|            | VGL                        | Da         | aily | Che | cklis | t of | PE 8 | k Pip | e Fi | ttin | gs & | Тоо | ls-Ta | ckle | s to | keep | in M | aintenance Van        |
| Cont       | ractor:                    |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| Mor        | ths:                       |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
|            |                            |            |      |     |       |      |      |       |      | Da   | ite  |     |       |      |      |      |      | Remarks ( Condition ) |
| Sr.<br>No. | Item Name                  | Avai. Qty. | 1    | 2   | 3     | 4    | 5    | 6     | 7    | 8    | 9    | 10  | 11    | 12   | 13   | 14   | 15   |                       |
|            | Alignment Clamp Ø32mm      |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 28         | Elbow Ø125 mm              |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 29         | Elbow Ø 90 mm              |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 30         | Ebow Ø63mm                 |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 31         | Ebow Ø32mm                 |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 32         | Leak Clamp Ø125 mm         |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 33         | Leak Clamp Ø90 mm          |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 34         | Leak Clamp Ø63 mm          |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 35         | Leak Clamp Ø32 mm          |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 36         | Saddle Clamp Ø125 mm       |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 37         | Saddle Clamp Ø90 mm        |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 38         | Saddle Clamp Ø63 mm        |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 39         | Saddle Clamp Ø32 mm        |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 40         | PE Pipe Short Piece Ø125mm |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 41         | PE Pipe Short Piece Ø90mm  |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 42         | PE Pipe Short Piece Ø63mm  |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 43         | PE Pipe Short Piece Ø32mm  |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 44         | PE Pipe Scraper            |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 45         | PE Pipe Cutter             |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 46         | Generator                  |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 47         | Electro Fision Machine     |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 48         | Ext. Board with Cable      |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 49         | Acitone                    |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
| 50         | Tissue Paper               |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |
|            | Saddle Key                 |            |      |     |       |      |      |       |      |      |      |     |       |      |      |      |      |                       |

52 Earing Wire for Sueeze Tool

53 Hack Saw

| 54 | Big Hack saw   |  |  |  |  |  |  |  |  |  |
|----|----------------|--|--|--|--|--|--|--|--|--|
| 55 | Small Hack saw |  |  |  |  |  |  |  |  |  |



## Daily Checklist of PE & Pipe Fittings & Tools-Tackles to keep in Maintenance Van

#### Contractor:

| Mon | ths:  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
|-----|---|------------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|-----------------------|
|     |   |            |   |   |   |   |   |   |   | Da | te |    |    |    |    |    |    | Remarks ( Condition ) |
| Sr. | Item Name   | Avai. Qty. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 |                       |
| No. | item vame   | Avai. Qty. | _ |   | , | • | , | ٥ | , | ٥  | ,  | 10 | 11 | 12 | 13 |    | 13 |                       |
| 56  | Right Angle   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 57  | Warning Tap   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 58  | Corderning Tap  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 59  | Refractory Jacket   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 60  | DCP Type Extinguishers 10kg   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 61  | Tool Box  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 62  | Fix Spanner<br>06X07, 08X09, 10x11, 12X13,<br>14X15, 16X17, 18X19, 20X22,<br>21X23, 24X27, 25X28, 30X32,<br>32X36 |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 63  | Ring Spanner<br>06X07, 08X09, 10x11, 12X13,<br>14X15, 16X17, 18X19, 20X22,<br>21X23, 24X27, 25X28, 30X32          |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 64  | Box Spanner ( 11 to 32 mm )   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 65  | Brass Hammer  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 66  | Hammer  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 67  | Nylon Hammer  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 68  | Allen Key Inch  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 69  | Allen Key mm  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 70  | Pipe Wrench 300mm+350mm   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 71  | Side Wrench 200mm+300mm   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
|     | Files   |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
|     | Screw Driver (+/-)  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |
| 74  | Parrot Plier  |            |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                       |

| 75 | Plier            |  |  |  |  |  |  |  |  |  |
|----|------------------|--|--|--|--|--|--|--|--|--|
| 76 | Line Tester      |  |  |  |  |  |  |  |  |  |
| 77 | Marker Pen       |  |  |  |  |  |  |  |  |  |
| 78 | Brass Wire Brush |  |  |  |  |  |  |  |  |  |
|    | ea Gas           |  |  |  |  |  |  |  |  |  |



### Daily Checklist of PE & Pipe Fittings & Tools-Tackles to keep in Maintenance Van

#### Contractor:

| Sr. No.         Item Name         Avai. Qty.         1         2         3         4         5         6         7         8         9         10         11         12         13         14         15           79         Safety Helmet         3         4         5         6         7         8         9         10         11         12         13         14         15           80         Safety Helmet         4 <th></th> <th>nuns :</th> <th>IVIO</th>   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | nuns :                         | IVIO |
|--|----------|-----------------|----|----|----|----|----|----|----|----|---|---|---|---|---|---|----------|------------|--------------------------------|------|
| No.   Item Name   AVal. Qty   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15  | lition ) | Remarks ( Condi |    |    |    |    |    |    | te | Da | • |   |   | , |   |   | <u> </u> |            |                                |      |
| No.         Safety Helmet         Safety Goggles           80         Safety Goggles         Safety Goggles           81         Over All Network Drawing with All Valve chamber Details         Safety Goggles           82         Hand Gloves         Safety Goggles           83         Gum Boot         Safety Goggles           84         Ear Plug         Safety Goggles           85         Teflon Tape         Safety Goggles           86         Measuer Tape 5 m+ 30 m         Safety Goggles           87         Calibrated GAS Detector         Safety Goggles           88         Asbestose Tourch         Safety Goggles           89         Normal Tourch (Chargeble)         Safety Goggles           90         Flame Proof Tourch         Safety Goggles           91         Parai         Safety Goggles           92         Valve Key         Safety Goggles           93         Plug Valve Key 2"         Safety Goggles   |          |                 | 15 | 14 | 13 | 12 | 11 | 10 | g  | g  | 7 | 6 | 5 | 4 | 3 | 2 | 1        | Δvai Otv   | Item Name                      | Sr.  |
| 80 Safety Goggles       91 Over All Network Drawing with All Valve chamber Details       92 Hand Gloves       93 Gum Boot       94 Ear Plug       94 Ear Plug       95 Ear Plug       95 Ear Plug       96 Ear Plug       97 Ear Plug       97 Ear Plug       98 Ear Plug <td></td> <td></td> <td>15</td> <td>17</td> <td>13</td> <td>12</td> <td>11</td> <td>10</td> <td>,</td> <td>0</td> <td></td> <td>U</td> <td></td> <td>•</td> <td>,</td> <td>_</td> <td>_</td> <td>Avai. Qty.</td> <td>item ivanie</td> <td>No.</td> |          |                 | 15 | 17 | 13 | 12 | 11 | 10 | ,  | 0  |   | U |   | • | , | _ | _        | Avai. Qty. | item ivanie                    | No.  |
| 81       Over All Network Drawing with All Valve chamber Details   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Safety Helmet                  | 79   |
| 81       with All Valve chamber Details  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Safety Goggles                 | 80   |
| with All Valve chamber Details       82 Hand Gloves         83 Gum Boot       90 Sum Boot         84 Ear Plug       90 Flame Proof Tourch         85 Teflon Tape       90 Flame Proof Tourch         86 Measuer Tape 5 m+ 30 m       90 Flame Proof Tourch         87 Calibrated GAS Detector       90 Flame Proof Tourch         89 Normal Tourch (Chargeble)       90 Flame Proof Tourch         91 Parai       91 Parai         92 Valve Key       93 Plug Valve Key 2"   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Over All Network Drawing       | 01   |
| 83 Gum Boot       84 Ear Plug         85 Teflon Tape       90 Measuer Tape 5 m+ 30 m         86 Measuer Tape 5 m+ 30 m       90 Flame Proof Tourch         87 Calibrated GAS Detector       90 Flame Proof Tourch         89 Normal Tourch (Chargeble)       90 Flame Proof Tourch         91 Parai       91 Parai         92 Valve Key       91 Plug Valve Key 2"   |          | ·               |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | with All Valve chamber Details | 01   |
| 84       Ear Plug   <  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Hand Gloves                    | 82   |
| 85       Teflon Tape   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Gum Boot                       | 83   |
| 86       Measuer Tape 5 m+ 30 m  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Ear Plug                       | 84   |
| 87 Calibrated GAS Detector       88 Asbestose Tourch         88 Asbestose Tourch       90 Normal Tourch (Chargeble)         90 Flame Proof Tourch       91 Parai         92 Valve Key       92 Valve Key         93 Plug Valve Key 2"       93 Plug Valve Key 2"   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Teflon Tape                    | 85   |
| 88 Asbestose Tourch       89 Normal Tourch (Chargeble)       90 Flame Proof Tourch       90 Flame Proof Tourch       90 Flame Proof Tourch       91 Parai       91 Parai       92 Valve Key       92 Valve Key       93 Plug Valve Key 2"       94 Plug Valve Key 2"       95 Plug Valve Key 2"       96 Plug Valve Key 2"       97 Plug Valve Key 2"       98 Plug Valve Key 2"       99 Plug Valve Key 2"       99 Plug Valve Key 2"       90 Plug Valve Key 2"   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Measuer Tape 5 m+ 30 m         | 86   |
| 89 Normal Tourch (Chargeble)       90 Flame Proof Tourch         90 Flame Proof Tourch       91 Parai         91 Valve Key       92 Valve Key         93 Plug Valve Key 2"       93 Plug Valve Key 2"  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Calibrated GAS Detector        | 87   |
| 90 Flame Proof Tourch  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Asbestose Tourch               | 88   |
| 91 Parai       92 Valve Key         92 Valve Key       93 Plug Valve Key 2"  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Normal Tourch (Chargeble)      | 89   |
| 92 Valve Key       93 Plug Valve Key 2"  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Flame Proof Tourch             | 90   |
| 93 Plug Valve Key 2"   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Parai                          | 91   |
|  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Valve Key                      | 92   |
| 94 Pine Piece for Leavrage to  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Plug Valve Key 2"              | 93   |
| 37   1   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Pipe Piece for Leavrage to     | 94   |
| 94 Operate valve   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Operate valve                  | 94   |
| 95 First Aid Box   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | First Aid Box                  | 95   |
| 96 Zorric 88/DW 40/Restoline   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Zorric 88/DW 40/Restoline      | 06   |
| 96 400 ml.   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | 400 ml.                        | 90   |
| 97 Greece  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Greece                         | 97   |
| 98 Cotton West   |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Cotton West                    | 98   |
| 99 Bucket  |          |                 |    |    |    |    |    |    |    |    |   |   |   |   |   |   |          |            | Bucket                         | 99   |

| To a second            | D | aily ( | Che | cklis | t of | PE & | Pip | e Fit | ting | gs & | Tool | s-Ta | ckle | s to | keep | in M | aintenance Van |
|------------------------|---|--------|-----|-------|------|------|-----|-------|------|------|------|------|------|------|------|------|----------------|
| 105 Warning Sign Board |   |        |     |       |      |      |     |       |      |      |      |      |      |      |      |      |                |
| 104 Chisele            |   |        |     |       |      |      |     |       |      |      |      |      |      |      |      |      |                |
| 103 Tagara             |   |        |     |       |      |      |     |       |      |      |      |      |      |      |      |      |                |
| 102 Plough             |   |        |     |       |      |      |     |       |      |      |      |      |      |      |      |      |                |
| 101 Trikam             |   |        |     |       |      |      |     |       | ·    |      |      |      |      | ·    |      |      |                |
| 100 Mug ( Steel Type)  |   |        |     |       |      |      |     |       |      |      |      |      |      |      |      |      |                |

|     |                            |            |   |   |   |   |   |   |          | Da | ite |    |    |    |    |    |    | Remarks ( Condition ) |
|-----|----------------------------|------------|---|---|---|---|---|---|----------|----|-----|----|----|----|----|----|----|-----------------------|
| Sr. | Item Name                  | Avai. Qty. | 1 | 2 | 3 | 4 | 5 | 6 | 7        | 8  | 9   | 10 | 11 | 12 | 13 | 14 | 15 |                       |
| No. | item Name                  | Avai. Qty. | 1 |   | 3 | 4 | ) | 6 | <b>'</b> | ٥  | 9   | 10 | 11 | 12 | 13 | 14 | 15 |                       |
| 106 | Reflactory Sign Board      |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 107 | Tue bender,1/2" to 3/8" OD |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 108 | SS Tube Cutter             |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 109 | Spray Bottle               |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 110 | Safety Belt                |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 111 | Nose Mask                  |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 112 | Fire Restardant Suit       |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 113 | Wireless System            |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 114 | Pulecho Meter              |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 115 | Valve 1/2"                 |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 116 | Valve 1"                   |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 117 | Spenner 30 m               |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 118 | 1/2" Dia                   |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 119 | 1" Dia                     |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 120 | Rubber Cap                 |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 121 | Rubber Ring                |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 122 | Rubber Tube                |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 123 | Clamp                      |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 124 | 1/2" Gas Tap               |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 125 | 1/2" Plug                  |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 126 | 1/2" Hex Nipple            |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |
| 127 | 1" Hex Nipple              |            |   |   |   |   |   |   |          |    |     |    |    |    |    |    |    |                       |

| 128        | 1/2" Tee            |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|------------|---------------------|------------|------|-----|-------|------|------|-------|-------|-----|------|-------|--------|------|------|------|------|-----------------------|
| 129        | 1/2" Coupler        |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 130        | 3" Nipple           |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 131        | 4" Nipple           |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 132        | 6" Nipple           |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 133        | 3" ( 1") Nipple     |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 134        | 2" ( 1") Nipple     |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|            | 1"X 1/2" Tee        |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|            | on Garage           | Da         | aily | Che | cklis | t of | PE 8 | ι Pip | e Fit | tin | gs & | Too   | ls-Ta  | ckle | s to | keep | in M | aintenance Van        |
|            | ractor :            |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| Mon        | ths:                |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|            |                     |            |      |     | •     |      | •    | •     |       | Da  | ite  |       |        |      |      |      |      | Remarks ( Condition ) |
| Sr.<br>No. | Item Name           | Avai. Qty. | 1    | 2   | 3     | 4    | 5    | 6     | 7     | 8   | 9    | 10    | 11     | 12   | 13   | 14   | 15   |                       |
| 136        | 1" Elbow            |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 137        | 1" Tee              |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 138        | 1" Coupler          |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|            | 1X1/2" Reducer      |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 140        | 1" Union            |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 141        | 1/2" Union          |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 142        | 1/2" Elbow          |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 143        | 90 Dia Swege        |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 144        | Monometer (HTC )    |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 145        | Sqw. Blade          |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
| 146        | Pressure Guage      |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|            | Welder / Tech. Name |            |      |     |       |      |      |       |       |     |      |       |        |      |      |      |      |                       |
|            | Shift Engineer S    | Sign       |      | -   |       |      | -    |       |       |     | Er   | ngine | er , V | ADO  | DARA | GAS  | LTD. |                       |

# **INCIDENT REPORT**

| 1. Organization                                  | VADODARA GAS LTD.  | 2. Sector                             | O&M                       |
|--|--|---------------------------------------|---------------------------|
| 3. Location                                      |  | 4. Incident Sr. No.                   | VGL                       |
|  |  |                                       | Gas/Than/incident         |
| 5. Date & Incident                               |  | 6. Time of Incident                   |                           |
| 7. Major/minor Near                              |  | 8. Report                             |                           |
| miss   |  | preliminary/frnal                     |                           |
| 9. Fire/ Incident                                |  | 10. Duration of fire-<br>Hrs/Min      |                           |
|  | th loss of life / injury, fire Extended the community of Garage and Community of Garage and Community of Garage and Community of Com |                                       |                           |
| 12. Location of incident<br>Gantry road/ parking | ( Name of plant/Unit/Areang area etc.)   | /tank farm/                           |                           |
| 13. Whether plant of in facility? Yes/no         | cident shutdown / cause o  | utage of the                          |                           |
| 14. facilitics Nos.                              | a) Employees= N/A  | b) Contractor= N/A                    | c) Other=N/A              |
| 15. Injuries Nos.                                | a) Employees= N/A  | b) Contractor= N/A                    | c) Other=N/A              |
| 16. Man-Hours Lost                               | a) Employees= N/A  | b) Contractor= N/A                    | c) Other=N/A              |
| 17. Direct loss due to th                        | ie incident ( Rs. In Lacs.) Los  | ss to equipment/                      |                           |
| Machinary as pwe l                               | nsurance Claim etc.  |                                       |                           |
| 18 Incident losses: Thr                          | ough put/production loss,  | etc.                                  |                           |
|  | y : Construction/Commission  | -                                     |                           |
| · ·  | , Maintence /Start up/ Any   |                                       |                           |
| •  | the Incident including post  |                                       |                           |
| incident measures.                               |  |                                       |                           |
|  |  |                                       |                           |
|  |  |                                       |                           |
|  |  |                                       |                           |
| 21 Whore similar incide                          | ent has occurred in past at  | • • • • • • • • • • • • • • • • • • • |                           |
| location , if yes                                | ent has occurred in past at  | tne same                              |                           |
|  | igation completed? If no, lil  | cely date by                          |                           |
| which it will be cop                             | •  | tory dutte by                         |                           |
| •  | on report ( Major incident)  | Has ben                               |                           |
| submitted toPNGR                                 | B. If No, likely date by whic  | h it will                             |                           |
| be submmited.                                    |  |                                       |                           |
|  | t ( Tick the most relevant c   | ause preferbly one, max               | _                         |
| A) deviation from proce                          |  |                                       | I) Not using the PPE      |
| B) Lack of job knowledg                          | ge   |                                       | J) eqipment failure       |
| C) lack of supervision                           |  |                                       | K) Poordesign/Layout etc. |
| D) Improper Inspection                           |  |                                       | L) Inadequate facility    |

|  | 1  |  |
|--|--|--|
| E) Improper Maintenance. ( Mech, Elect, Inst.)   | M)poor house keeping   |  |
| F) Improper Material Handling  | N) Natural valamity  |  |
| G) Negligent Driving   | O) Pilferage / sabotage  |  |
| H) Careless waking   |  |  |
| P) Any other ( Give details) :   | •  |  |
| 25. Cause of leakage- Oil, Gas or Chemical (   | Tick only):  |  |
| A) Weld leak from eqipment / lines   | E)leakage due to improper Operation  |  |
| B) Leak from flange, gland etc.  | F)Leak due to improper maintenance   |  |
| C) Leak from rotery euipment   | G)Normal operation-venting/Draining  |  |
| D) metallugical failure  | H) Third Party Damage  |  |
| I) Rat bite  | J) Any other   |  |
| 26. Cause of Iganition Leading to fire: N/A  | syrmy outer  |  |
| <u> </u>   | C) Static algebrish.   |  |
| A) Near to hot work  | F) Static electricity  |  |
| B) Near to furnace/flare etc.  | G) Hammering/Fall of Object  |  |
| C) Auto ignition D) Loose electrical connection  | H) Heat due to riction   |  |
| ID) Loose electrical connection  | I) Lighting  |  |
|  | 1) 4 11  |  |
| E) Near to hot surface  27. was the incident avoidble?   | J) Any other   |  |
| E) Near to hot surface  27. was the incident avoidble?  28. The incident could have been by the use (Tick the most relevant point preferable)  | e of/or by;  |  |
| E) Near to hot surface  27. was the incident avoidble?  28. The incident could have been by the use (Tick the most relevant point preferable)  A) Better supervision   | e of/or by;<br>e on,maximumtwo)  |  |
| E) Near to hot surface  27. was the incident avoidble?  28. The incident could have been by the use (Tick the most relevant point preferable A) Better supervision  B) Adthering to specified operating procedure  | e of/or by; e on,maximumtwo)  E) Personal protective Eqipment  |  |
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Report Completed By: Checked By:

VADODARA GAS LTD.