**TITLE: - SOP FOR PROCEDURE FOR DEPRESSURIZATION OF STATION PIPING / COLD FLARING (APPLICABLE FOR BARAUNI STATION AND HATHIDAH T-POINT).**

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| **SL. NO.** | **ACTIVITY** | **RESPONSIBILITY** |
|  | Work permits to be ensured prior to commencement of Corrosion coupon retrieval as per OISD-105. Job safety analysis to be done. | Maintenance In-Charge |
|  | Isolate the section, which is to be depressurized by closing the upstream and downstream valves. | -Do- |
|  | Ensure that 2” Ball valve and globe valve in cold flare line is opened. Drain valve of cold flare vertical pipe to be kept in closed position. | -Do- |
|  | Open 1” Drain valve of cold flare vertical pipe in case of choking of cold flare line. |  |
|  | Open the drain valves slowly (combination of ball and globe valves) to drain LPG in the section through cold flare unit. | -Do- |
|  | While flaring through cold flares, ensure that no ice formation takes place on its mouth. If required, water sprinkler/monitor to be operated to disperse the LPG coming out of the cold flare unit. | -Do- |
|  | Ensure zero LEL level in the adjoining areas through Explosimeter. | -Do- |
|  | Once the section is depressurized, i.e. no white fumes of LPG is coming out of the cold flare unit, nitrogen purging is done from the instrumentation piping points/ purging point. | -Do- |
|  | Open the vent plug/valve and ensure zero LEL level through Explosimeter. | -Do- |
|  | Once Explosimeter reading is zero LEL, repeat the nitrogen purging process again to ensure complete neutralization of the section. | -Do- |
|  | Now the section is depressurized, and the section is isolated for further maintenance activities like pig launching, strainer maintenance, etc. | -Do- |

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| RECORDS GENERATED : | 1) | SHIFT LOGBOOK SHEET |
|  | 2) | SHIFT HANDING OVER REGISTER |
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