**TITLE: - SOP for Starting of Delivery to Barauni Refinery**

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| **SL. NO.** | **ACTIVITY** | **RESPONSIBILITY** |
| 1 | Obtain daily plan from Central Dispatch Paradip/Barauni Refinery. | Shift In charge |
| 2 | Ensure all the sectionalizing valves of SV stations (SV-24 to 26 in Banka-Hatidah section & SV-1 in Hatidah-Muzaffarpur section) and Hathidah T Point valves are in) open conditions. | -Do- |
| 3 | Ensure that all drain valves, vents etc. are properly closed and any equipment etc. under maintenance are properly isolated before station is lined up for starting. | -Do- |
| 4 | Ensure that the bullet into which LPG is to be delivered is lined-up, up to the pipeline manifold, i.e. till ROV-2103. Shift I/C to take confirmation from Barauni Refinery Control Room. | -Do- |
| 5 | Ensure that the power supply is available to all MOVs and Equipment. | -Do- |
| 6 | Ensure lining up MOV-2101, Basket Strainer 2101/2102 , MFM 2102 (Normal), PCV 2101, MOV 2138 and ROV-2103.  Keep PCV 2101 / PCV Bypass valve and valve installed in the upstream of PCV (MOV 2113) in closed condition. | Do |
| 7 | Co-ordinate with barauni Refinery control room for line-up of bullet. | Do |
| 8 | With the clearance of Central Dispatch, open the MOV-2113 (upstream of PCV) followed by gradual opening of PCV-2101. Before opening of PCV 2101, ensure the pumping station (Paradip/Haldia/Durgapur) is in operation.  If Strainer STR-2101 is to be lined up, MOV-2103 & MOV-2105 is to be opened & MOV-2104 & MOV-2106 to be closed.  If Strainer STR-2102 is lineup, MOV-2104 & MOV-2106 is to be opened & MOV-2103 & MOV-2105 to be closed.  DPT across the strainer to be checked after lining up the same & start of the operation. If DPT found more than 0.5kg/cm2 appropriate action to be taken.  If MFM-2101 is to be lined up, MOV-2108, MOV-2109 & MOV-2110 is to be opened and MOV-2107, MOV-2111 & MOV-2112 to be closed.  If MFM-2102 is lineup, MOV-2107, MOV-2111 & MOV-2112 is to be opened and MOV-2108, MOV-2109 & MOV-2110 to be closed. | -Do- |
| 9 | Ensure to maintain minimum back pressure at Refinery end (to be done by Barauni Refinery control room). | -Do- |
| 10 | MFM-2101/2102 reading and opening stock of the respective bullet are to be noted. | -Do- |
| 11 | Barauni Refinery to be informed about starting of LPG delivery. | -Do- |

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