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| **طرح نگهداشت و افزایش تولید 27 مخزن** | | | | | | |
| **MTO FOR POWER & CONTROL CABLES - MANIFOLD & W007S**  **نگهداشت و افزایش تولید میدان نفتی بینک** | | | | | | |
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| D00 | Jan. 2023 | IFI | H.Shakiba | M.Fakharian | M.Mehrshad |  |
| **Rev.** | **Date** | **Purpose of Issue/Status** | **Prepared by:** | **Checked by:** | **Approved by:** | **CLIENT Approval** |
| **Class: 3** | | **CLIENT Doc. Number: F8Z-708038** | | | | |
| **Status:** | **IDC: Inter-Discipline Check**  **IFC: Issued For Comment**  **IFA: Issued For Approval**  **AFD: Approved For Design**  **AFC: Approved For Construction**  **AFP: Approved For Purchase**  **AFQ: Approved For Quotation**  **IFI: Issued For Information**  **AB-R: As-Built for CLIENT Review**  **AB-A: As-Built –Approved** | | | | | |

**REVISION RECORD SHEET**

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| **PAGE** | **D00** | **D01** | **D02** | **D03** | **D04** |  | **PAGE** | **D00** | **D01** | **D02** | **D03** | **D04** |
| **1** | X |  |  |  |  | **51** |  |  |  |  |  |
| **2** | X |  |  |  |  | **52** |  |  |  |  |  |
| **3** | X |  |  |  |  | **53** |  |  |  |  |  |
| **4** | X |  |  |  |  | **54** |  |  |  |  |  |
| **5** | X |  |  |  |  | **55** |  |  |  |  |  |
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| **LV POWER CABLE** | | | | | |
| * Insulation Grade - Service Voltage: 600/1000 V | | | | | |
| * Plain Annealed Stranded Copper (Class 2) | | | | | |
| * XLPE Insulation | | | | | |
| * Binder Tape: If required | | | | | |
| * Fillers : Yes | | | | | |
| * Bedding: Extruded PVC | | | | | |
| * Armor: Multi-Core Cables : Galvanized Steel Wire Armor (SWA)   Single Core Cables : Aluminum Wire Armor (AWA) | | | | | |
| * Other Sheath: PVC | | | | | |
| **Item** | **Description** | **Type** | **QTY.** | **Spare** | **Remark** |
| 1 | **CU/XLPE/LSH/PVC/SWA/PVC (Red, Yellow, Blue)** | A |  |  |  |
| 1.1 | 3C×35 mm2 | 300 | 10 |  |
| 2 | **CU/XLPE/SWA/PVC (Red, Yellow, Blue, Black)** | B |  |  |  |
| 2.1 | 4C×10 mm2 | 180 | 20 |  |
| 2.2 | 4C×4 mm2 | 300 | 10 |  |

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| **CONTROL CABLE** | | | | | |
| * Insulation Grade - Service Voltage: 600/1000 V | | | | | |
| * Plain Annealed Stranded Copper (Class 2) | | | | | |
| * PVC Insulation | | | | | |
| * Binder Tape: If Required | | | | | |
| * Fillers: If Required | | | | | |
| * Bedding: Extruded PVC | | | | | |
| * Armor: Multi-Core Cables : Galvanized Steel Wire Armor (SWA)   Single Core Cables : Aluminum Wire Armor (AWA) | | | | | |
| * Other Sheath: PVC | | | | | |
| **Item** | **Description** | **Type** | **QTY.** | **Spare** | **Remark** |
| 3 | **CU/PVC/LSH/PVC/SWA/PVC (Black-Numbered)** | D |  |  |  |
| 3.1 | 10C×2.5 mm2 | 300 | 10 |  |

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| **LV POWER FOR DC CABLES** | | | | | |
| - Insulation Grade - Service Voltage : 600/1000V | | | | | |
| - Plain Annealed Stranded Copper | | | | | |
| - XLPE Insulation | | | | | |
| - Binder Tape: If Required | | | | | |
| - Fillers : If Required | | | | | |
| - Bedding: Extruded PVC | | | | | |
| * Armor: Multi-Core Cables : Galvanized Steel Wire Armor (SWA)   Single Core Cables : Aluminum Wire Armor (AWA) | | | | | |
| - Other Sheath: PVC | | | | | |
| **Item** | **Description** | **Type** | **QTY.** | **Spare** | **Remark** |
| 4 | **CU/XLPE/SWA/PVC (Black (-), Red (+))** | B |  |  |  |
| 4.1 | 2C×4 mm2 | 240 |  |  |
| 4.2 | 2C×25 mm2 | 120 |  |  |
| 4.3 | 2C×35 mm2 | 100 |  |  |
| 4.4 | 2C×95 mm2 | 120 |  |  |