

|                                                                                                  |                                                                                                      |                  |                     |                |            |                |                                                                                                                                                                           |             |                    |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------|---------------------|----------------|------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| <br><b>NISOC</b> | نگهداشت و افزایش تولید میدان نفتی بینک<br>سطح الارض<br>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک |                  |                     |                |            |                | <br> |             |                    |
|                                                                                                  | PROCESS DATA SHEETS FOR INSTRUMENT AIR RECEIVER                                                      |                  |                     |                |            |                |                                                                                                                                                                           |             |                    |
| شماره پیمان:<br>۰۵۳ - ۰۷۳ - ۹۱۸۴                                                                 | پروژه<br>BK                                                                                          | بسته کاری<br>GCS | صادر کننده<br>PEDCO | تسهیلات<br>120 | رشته<br>PR | نوع مدرک<br>DT | سریال<br>0008                                                                                                                                                             | نسخه<br>D04 | شماره صفحه: ۱ از ۴ |

## طرح نگهداشت و افزایش تولید ۲۷ مخزن

### PROCESS DATA SHEETS FOR INSTRUMENT AIR RECEIVER

#### نگهداشت و افزایش تولید میدان نفتی بینک

|      |          |                           |              |             |              |                 |
|------|----------|---------------------------|--------------|-------------|--------------|-----------------|
|      |          |                           |              |             |              |                 |
| D04  | OCT.2022 | AFC                       | M.Aryafar    | M.Fakharian | M.Mehrshad   |                 |
| D03  | JUL.2022 | IFA                       | M.Aryafar    | M.Fakharian | M.Mehrshad   |                 |
| D02  | APR.2022 | IFA                       | M.Aryafar    | M.Fakharian | M.Mehrshad   |                 |
| D01  | DEC.2021 | IFA                       | M.Aryafar    | M.Fakharian | M.Mehrshad   |                 |
| D00  | NOV.2021 | IFC                       | M.Aryafar    | M.Fakharian | M.Mehrshad   |                 |
| Rev. | Date     | Purpose of Issue / Status | Prepared by: | Checked by: | Approved by: | CLIENT Approval |

Class: 2      CLIENT Doc. Number: F0Z-708753

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



NISOC

نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

PROCESS DATA SHEETS FOR INSTRUMENT AIR RECEIVER



شماره صفحه: ۲ از ۴

شماره پیمان:

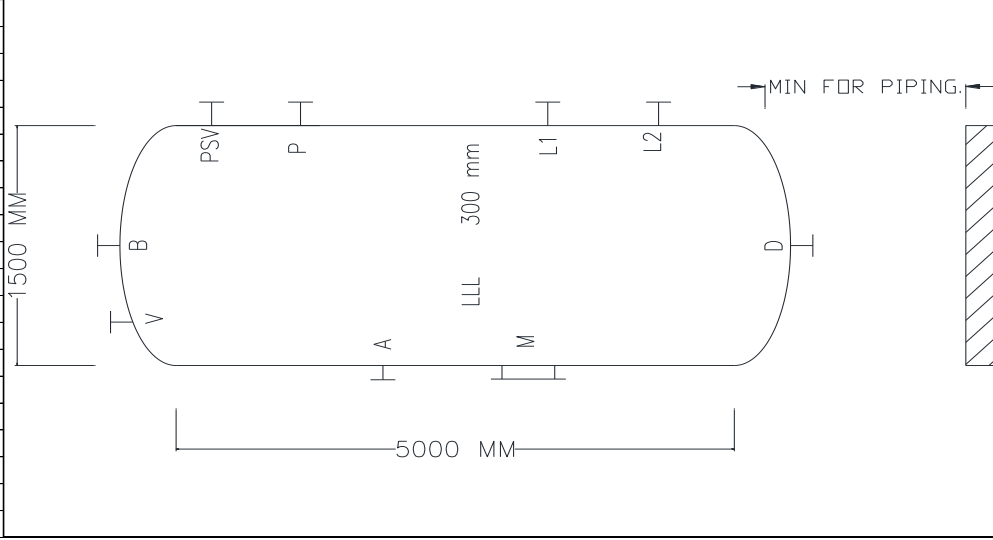
۰۵۳ - ۰۷۳ - ۹۱۸۴

| نسخه | سریال | نوع مدرک | رشته | تسهیلات | صادر کننده | بسته کاری | پروژه |
|------|-------|----------|------|---------|------------|-----------|-------|
| D04  | 0008  | DT       | PR   | 120     | PEDCO      | GCS       | BK    |

REVISION RECORD SHEET

| Page | D00 | D01 | D02 | D03 | D04 | Page | D00 | D01 | D02 | D03 | D04 |
|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| 1    | X   |     | X   | X   |     | 65   |     |     |     |     |     |
| 2    | X   |     | X   | X   |     | 66   |     |     |     |     |     |
| 3    | X   | X   | X   | X   |     | 67   |     |     |     |     |     |
| 4    | X   | X   | X   |     |     | 68   |     |     |     |     |     |
| 5    |     |     |     |     |     | 69   |     |     |     |     |     |
| 6    |     |     |     |     |     | 70   |     |     |     |     |     |
| 7    |     |     |     |     |     | 71   |     |     |     |     |     |
| 8    |     |     |     |     |     | 72   |     |     |     |     |     |
| 9    |     |     |     |     |     | 73   |     |     |     |     |     |
| 10   |     |     |     |     |     | 74   |     |     |     |     |     |
| 11   |     |     |     |     |     | 75   |     |     |     |     |     |
| 12   |     |     |     |     |     | 76   |     |     |     |     |     |
| 13   |     |     |     |     |     | 77   |     |     |     |     |     |
| 14   |     |     |     |     |     | 78   |     |     |     |     |     |
| 15   |     |     |     |     |     | 79   |     |     |     |     |     |
| 16   |     |     |     |     |     | 80   |     |     |     |     |     |
| 17   |     |     |     |     |     | 81   |     |     |     |     |     |
| 18   |     |     |     |     |     | 82   |     |     |     |     |     |
| 19   |     |     |     |     |     | 83   |     |     |     |     |     |
| 20   |     |     |     |     |     | 84   |     |     |     |     |     |
| 21   |     |     |     |     |     | 85   |     |     |     |     |     |
| 22   |     |     |     |     |     | 86   |     |     |     |     |     |
| 23   |     |     |     |     |     | 87   |     |     |     |     |     |
| 24   |     |     |     |     |     | 88   |     |     |     |     |     |
| 25   |     |     |     |     |     | 89   |     |     |     |     |     |
| 26   |     |     |     |     |     | 90   |     |     |     |     |     |
| 27   |     |     |     |     |     | 91   |     |     |     |     |     |
| 28   |     |     |     |     |     | 92   |     |     |     |     |     |
| 29   |     |     |     |     |     | 93   |     |     |     |     |     |
| 30   |     |     |     |     |     | 94   |     |     |     |     |     |
| 31   |     |     |     |     |     | 95   |     |     |     |     |     |
| 32   |     |     |     |     |     | 96   |     |     |     |     |     |
| 33   |     |     |     |     |     | 97   |     |     |     |     |     |
| 34   |     |     |     |     |     | 98   |     |     |     |     |     |
| 35   |     |     |     |     |     | 99   |     |     |     |     |     |
| 36   |     |     |     |     |     | 100  |     |     |     |     |     |
| 37   |     |     |     |     |     | 101  |     |     |     |     |     |
| 38   |     |     |     |     |     | 102  |     |     |     |     |     |
| 39   |     |     |     |     |     | 103  |     |     |     |     |     |
| 40   |     |     |     |     |     | 104  |     |     |     |     |     |
| 41   |     |     |     |     |     | 105  |     |     |     |     |     |
| 42   |     |     |     |     |     | 106  |     |     |     |     |     |
| 43   |     |     |     |     |     | 107  |     |     |     |     |     |
| 44   |     |     |     |     |     | 108  |     |     |     |     |     |
| 45   |     |     |     |     |     | 109  |     |     |     |     |     |
| 46   |     |     |     |     |     | 110  |     |     |     |     |     |
| 47   |     |     |     |     |     | 111  |     |     |     |     |     |
| 48   |     |     |     |     |     | 112  |     |     |     |     |     |
| 49   |     |     |     |     |     | 113  |     |     |     |     |     |
| 50   |     |     |     |     |     | 114  |     |     |     |     |     |
| 51   |     |     |     |     |     | 115  |     |     |     |     |     |
| 52   |     |     |     |     |     | 116  |     |     |     |     |     |
| 53   |     |     |     |     |     | 117  |     |     |     |     |     |
| 54   |     |     |     |     |     | 118  |     |     |     |     |     |
| 55   |     |     |     |     |     | 119  |     |     |     |     |     |
| 56   |     |     |     |     |     | 120  |     |     |     |     |     |
| 57   |     |     |     |     |     | 121  |     |     |     |     |     |
| 58   |     |     |     |     |     | 122  |     |     |     |     |     |
| 59   |     |     |     |     |     | 123  |     |     |     |     |     |
| 60   |     |     |     |     |     | 124  |     |     |     |     |     |
| 61   |     |     |     |     |     | 125  |     |     |     |     |     |
| 62   |     |     |     |     |     | 126  |     |     |     |     |     |
| 63   |     |     |     |     |     | 127  |     |     |     |     |     |
| 64   |     |     |     |     |     | 128  |     |     |     |     |     |

|                                                                                                  |       |                                                                                                                                                                                                         |            |         |      |          |       |                                                                                                      |                    |
|--------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------|----------|-------|------------------------------------------------------------------------------------------------------|--------------------|
| <br><b>NISOC</b> |       | <p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک</p> <p style="text-align: center;">سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p> |            |         |      |          |       | <br><b>HIRGAN</b> |                    |
| PROCESS DATA SHEETS FOR INSTRUMENT AIR RECEIVER                                                  |       |                                                                                                                                                                                                         |            |         |      |          |       |                                                                                                      |                    |
| شماره پیمان:                                                                                     | پروژه | بسته کاری                                                                                                                                                                                               | صادر کننده | تسهیلات | رشته | نوع مدرک | سریال | نسخه                                                                                                 | شماره صفحه: ۳ از ۴ |
| ۰۵۳ - ۰۷۳ - ۹۱۸۴                                                                                 | BK    | GCS                                                                                                                                                                                                     | PEDCO      | 120     | PR   | DT       | 0008  | D04                                                                                                  |                    |

|    |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
|----|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------|------|-------------------------|---------------------------------------------------------------------|------|
| 1  |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     | Rev. |
| 2  | Service Description                                                                                                                      |                                                                     | Instrument Air Receiver                                                          |                   | Tag No.                                                             |      | V-2203                  |                                                                     |      |
| 3  | No. Req'd                                                                                                                                |                                                                     | 1                                                                                |                   | Working 1 Standby 0 Total 1                                         |      |                         |                                                                     |      |
| 4  | Orientation                                                                                                                              |                                                                     | <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal |                   | NOZZLE AND MANWAYS                                                  |      |                         |                                                                     |      |
| 5  | ID × Height (TL-TL)                                                                                                                      | mm                                                                  | 1500 × 5000                                                                      |                   | Nozzle Tag                                                          | Q'ty | Size (inch)             | Nozzle Description                                                  |      |
| 6  | P&ID                                                                                                                                     |                                                                     |                                                                                  |                   | BK-GCS-PEDCO-120-PR-PI-0015                                         |      |                         |                                                                     |      |
| 7  | OPERATING CONDITIONS                                                                                                                     |                                                                     |                                                                                  |                   | HEAD TYPE                                                           |      |                         |                                                                     |      |
| 8  | Pressure                                                                                                                                 | barg                                                                | 8                                                                                |                   | PSV                                                                 | 1    | 2"                      | Pressure Safety Valve                                               |      |
| 9  | Temperature                                                                                                                              | °C                                                                  | 65                                                                               | 65                | D                                                                   | 1    | 2"                      | Drain                                                               |      |
| 10 | DESIGN CONDITIONS                                                                                                                        |                                                                     |                                                                                  |                   | P                                                                   | 1    | 2"                      | Pressure Gauge                                                      |      |
| 11 | Pressure (Int.)                                                                                                                          | barg                                                                | 12.5                                                                             |                   | M                                                                   | 1    | 24"                     | Manhole                                                             |      |
| 12 | Pressure (Vac.)                                                                                                                          |                                                                     |                                                                                  | -                 | L 1,2                                                               | 2    | 2"                      | Level Gauge                                                         |      |
| 13 | Temp. (Min.)                                                                                                                             | °C                                                                  | 5                                                                                |                   | V                                                                   | 1    | 2"                      | Vent                                                                |      |
| 14 | Temp. (Max.)                                                                                                                             | °C                                                                  | 85                                                                               |                   |                                                                     |      |                         |                                                                     |      |
| 15 | Design Code ASME Section VIII-DIV.1 / IPS-G-ME-150 (LATEST EDITION)                                                                      |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 16 | PWHT(Process Reason)                                                                                                                     |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 17 | Insulation <input type="checkbox"/> Hot <input type="checkbox"/> Cold <input type="checkbox"/> PP <input checked="" type="checkbox"/> No |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 18 | MDMT                                                                                                                                     | °C                                                                  | 5                                                                                |                   |                                                                     |      |                         |                                                                     |      |
| 19 | Fluid Instrument Air                                                                                                                     |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 20 | Corros. Comp.                                                                                                                            |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 21 | Density                                                                                                                                  |                                                                     |                                                                                  | 9.3               |                                                                     |      |                         |                                                                     |      |
| 22 | Service Type N/A                                                                                                                         |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 23 | REQUIRED ACCESSORIES                                                                                                                     |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 24 | Boot                                                                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                  | Vortex Breaker    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      | Internal Baffle         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      |
| 25 | Vertical Pump                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                  | Demister Pad      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      | Internal Pipe           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      |
| 26 | Steam Coil                                                                                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                  | Tray              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      | Inlet Distributor       | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      |
| 27 | Inlet Box                                                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                  | Electrical Heater | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      | Electrical Heat Tracing | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      |
| 28 | Packing and Relevant Support                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                  | Fire Proofing     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |      |                         |                                                                     |      |
| 29 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 30 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 31 |                                                      |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 32 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 33 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 34 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 35 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 36 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 37 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 38 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 39 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 40 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 41 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 42 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 43 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 44 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 45 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 46 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 47 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 48 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 49 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |
| 50 |                                                                                                                                          |                                                                     |                                                                                  |                   |                                                                     |      |                         |                                                                     |      |



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سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک

PROCESS DATA SHEETS FOR INSTRUMENT AIR RECEIVER



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

BK

بسته کاری

GCS

صادر کننده

PEDCO

تسهیلات

120

رشته

PR

نوع مدرک

DT

سریال

0008

نسخه

D04

شماره صفحه: ۴ از ۴

Note

Rev.

1 Deleted.