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|---|--|--|---|-------------|
|   | <b>Toase-eh Park Sanati Gohar Ofogh Petrochemical Co.</b><br><b>CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE<br/> PARK OFFSITE</b> |  |    |             |
|   | Document Title: Hook-Up Drawing for Active Carbon Filter   |  |   |             |
|   | Document No. : EI027-ENR-VD-IN-DWG-004   |  | Rev.: R0  | Page 1 of 4 |

**STYRENE PARK OFFSITE**

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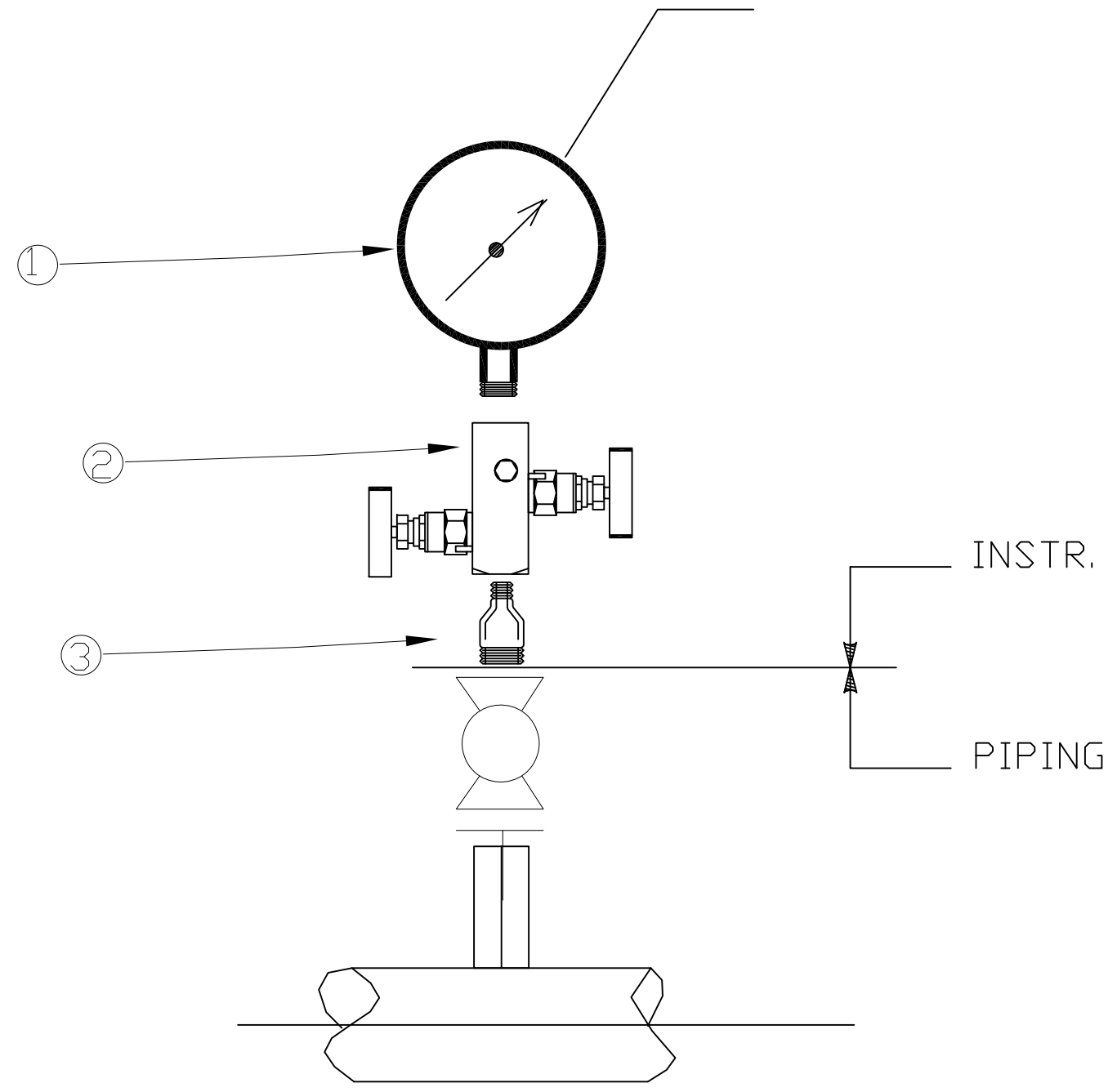
**Document Title:**

**Hook-Up Drawing  
for  
Active Carbon Filter**

|             |                    |                    |                  |                |                 |
|-------------|--------------------|--------------------|------------------|----------------|-----------------|
|             |                    |                    |                  |                |                 |
|             |                    |                    |                  |                |                 |
| R0          | 27-Apr-24          | Issued for Comment | A.Mohamadhoseini | E.Malek        | H.Keshmiri      |
| <b>Rev.</b> | <b>Issued Date</b> | <b>DESCRIPTION</b> | <b>PREPARED</b>  | <b>CHECKED</b> | <b>APPROVED</b> |

| Page | Revisions |    |    |    |    |    |    | Page | Revisions |    |    |    |    |    |    |
|------|-----------|----|----|----|----|----|----|------|-----------|----|----|----|----|----|----|
|      | R0        | R1 | R2 | R3 | R4 | R5 | R6 |      | R0        | R1 | R2 | R3 | R4 | R5 | R6 |
| 1    | X         |    |    |    |    |    |    | 41   |           |    |    |    |    |    |    |
| 2    | X         |    |    |    |    |    |    | 42   |           |    |    |    |    |    |    |
| 3    | X         |    |    |    |    |    |    | 43   |           |    |    |    |    |    |    |
| 4    | X         |    |    |    |    |    |    | 44   |           |    |    |    |    |    |    |
| 5    |           |    |    |    |    |    |    | 45   |           |    |    |    |    |    |    |
| 6    |           |    |    |    |    |    |    | 46   |           |    |    |    |    |    |    |
| 7    |           |    |    |    |    |    |    | 47   |           |    |    |    |    |    |    |
| 8    |           |    |    |    |    |    |    | 48   |           |    |    |    |    |    |    |
| 9    |           |    |    |    |    |    |    | 49   |           |    |    |    |    |    |    |
| 10   |           |    |    |    |    |    |    | 50   |           |    |    |    |    |    |    |
| 11   |           |    |    |    |    |    |    | 51   |           |    |    |    |    |    |    |
| 12   |           |    |    |    |    |    |    | 52   |           |    |    |    |    |    |    |
| 13   |           |    |    |    |    |    |    | 53   |           |    |    |    |    |    |    |
| 14   |           |    |    |    |    |    |    | 54   |           |    |    |    |    |    |    |
| 15   |           |    |    |    |    |    |    | 55   |           |    |    |    |    |    |    |
| 16   |           |    |    |    |    |    |    | 56   |           |    |    |    |    |    |    |
| 17   |           |    |    |    |    |    |    | 57   |           |    |    |    |    |    |    |
| 18   |           |    |    |    |    |    |    | 58   |           |    |    |    |    |    |    |
| 19   |           |    |    |    |    |    |    | 59   |           |    |    |    |    |    |    |
| 20   |           |    |    |    |    |    |    | 60   |           |    |    |    |    |    |    |
| 21   |           |    |    |    |    |    |    | 61   |           |    |    |    |    |    |    |
| 22   |           |    |    |    |    |    |    | 62   |           |    |    |    |    |    |    |
| 23   |           |    |    |    |    |    |    | 63   |           |    |    |    |    |    |    |
| 24   |           |    |    |    |    |    |    | 64   |           |    |    |    |    |    |    |
| 25   |           |    |    |    |    |    |    | 65   |           |    |    |    |    |    |    |
| 26   |           |    |    |    |    |    |    | 66   |           |    |    |    |    |    |    |
| 27   |           |    |    |    |    |    |    | 67   |           |    |    |    |    |    |    |
| 28   |           |    |    |    |    |    |    | 68   |           |    |    |    |    |    |    |
| 29   |           |    |    |    |    |    |    | 69   |           |    |    |    |    |    |    |
| 30   |           |    |    |    |    |    |    | 70   |           |    |    |    |    |    |    |
| 31   |           |    |    |    |    |    |    | 71   |           |    |    |    |    |    |    |
| 32   |           |    |    |    |    |    |    | 72   |           |    |    |    |    |    |    |
| 33   |           |    |    |    |    |    |    | 73   |           |    |    |    |    |    |    |
| 34   |           |    |    |    |    |    |    | 74   |           |    |    |    |    |    |    |
| 35   |           |    |    |    |    |    |    | 75   |           |    |    |    |    |    |    |
| 36   |           |    |    |    |    |    |    | 76   |           |    |    |    |    |    |    |
| 37   |           |    |    |    |    |    |    | 77   |           |    |    |    |    |    |    |
| 38   |           |    |    |    |    |    |    | 78   |           |    |    |    |    |    |    |
| 39   |           |    |    |    |    |    |    | 79   |           |    |    |    |    |    |    |
| 40   |           |    |    |    |    |    |    | 80   |           |    |    |    |    |    |    |

# PRESSURE GAUGE



TAG No.  
PI-101  
PI-102

| TAG | QTY   | TOTAL QTY | DESCRIPTION                   | SIZE & MATERIAL                 |
|-----|-------|-----------|-------------------------------|---------------------------------|
| 3   | 1 PCS |           | NIPPLE                        | 1"NPTM X1/2"NPTM, SS316         |
| 2   | 1 PCS |           | Block-and-bleed valve (2 way) | 1/2" NPT F X 1/2" NPT F , SS316 |
| 1   | 1 PCS |           | PRESSURE GAUGE                | 1/2" NPT M , SS316              |

|                               |                         |      |
|-------------------------------|-------------------------|------|
| 14                            | 15                      | 16   |
| REFERENCE DRAWING             | DWG NO.                 | REV. |
| P&ID FOR ACTIVE CARBON FILTER | EI027-ENR-VD-PR-PID-003 | R2   |

LEGENDS :

NOTES :

KEY PLAN :

|      |            |                    |          |         |          |         |
|------|------------|--------------------|----------|---------|----------|---------|
| RO   | 27/04/2024 | ISSUE FOR APPROVAL | A.M.h    | E.M     | M.SH     | HRCO    |
| REV. | ISSUE DATE | DESCRIPTION        | PREPARED | CHECKED | APPROVED | COMPANY |

CLIENT:  **پتروشیمی توسعه پارک**

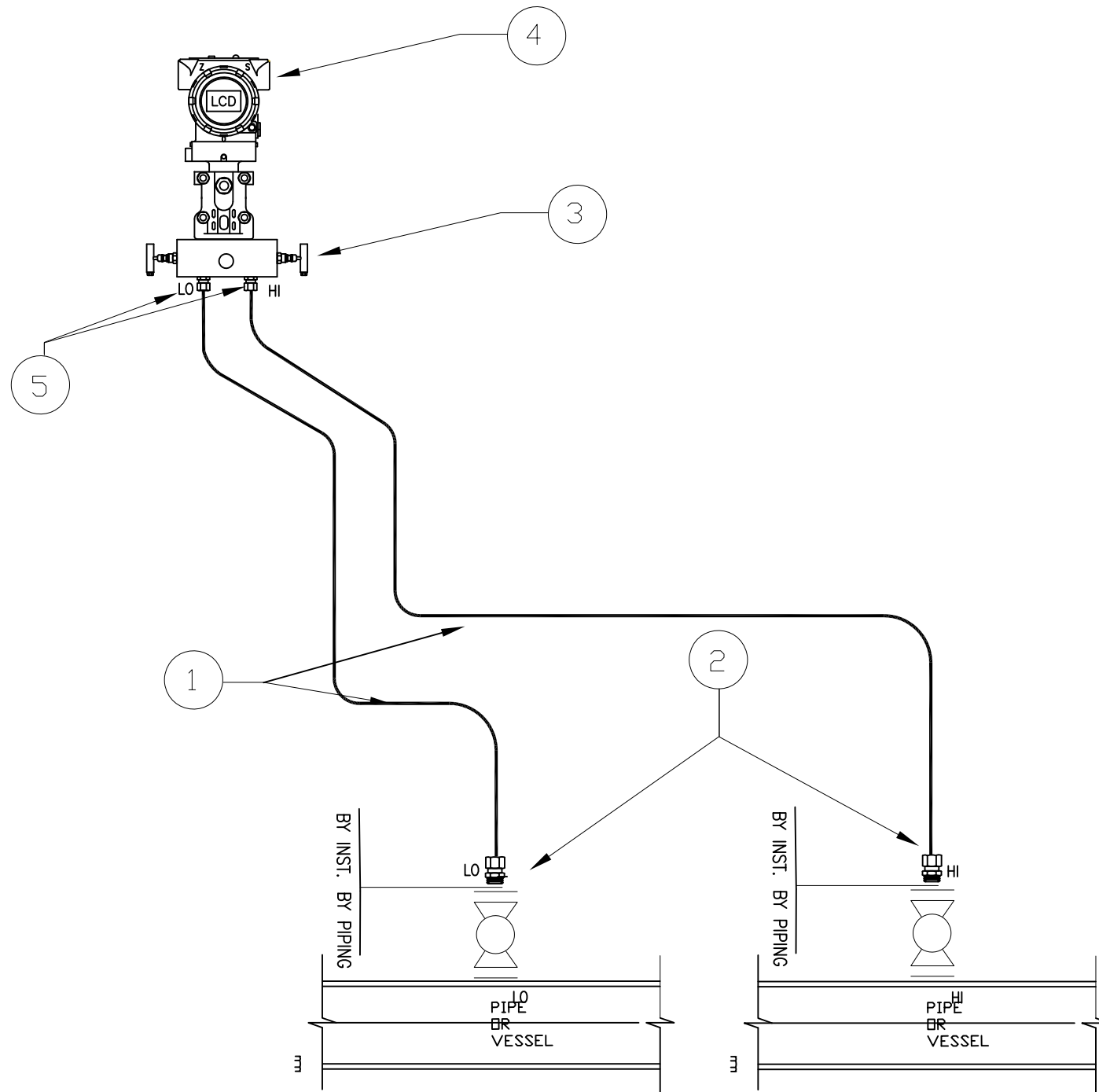
CONSULTING ENGINEER:  **مهندسی گوهردان**

VENDOR:  

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE: **HOOK UP DRAWING FOR ACTIVE CARBON FILTER**

|                         |      |      |       |        |
|-------------------------|------|------|-------|--------|
| DRAWING NO.             | REV. | SIZE | SCALE | SHEET  |
| EI027-ENR-VD-IN-DWG-004 | RO   | A3   | NTS   | 3 of 4 |



TAG No.  
PDIT-101  
PDIT-102

| TAG | QTY   | TOTAL QTY | DESCRIPTION   | SIZE & MATERIAL                              |
|-----|-------|-----------|---------------|--|
| 5   | 2 PCS |           | MALE CONECTOR | 1/2" NPTM X 1/2" OD , SS316                  |
| 4   | 1     |           | TRANSMITTER   |  |
| 3   | 1     |           | 5WAY MANIFOLD | 1/2NPTF - (Direct Mounting To Sensor), SS316 |
| 2   | 2 PCS |           | MALE CONECTOR | 1" NPTM X 1/2" OD , SS316                    |
| 1   | 2 PCS |           | TUBE          | 1/2", SS316                                  |

|                   |         |      |
|-------------------|---------|------|
| 14                | 15      | 16   |
| REFERENCE DRAWING | DWG NO. | REV. |

|                               |                         |    |
|-------------------------------|-------------------------|----|
| P&ID FOR ACTIVE CARBON FILTER | EI027-ENR-VD-PR-PID-003 | R2 |
|-------------------------------|-------------------------|----|

LEGENDS :

NOTES :

KEY PLAN :

|      |            |                    |          |         |          |         |
|------|------------|--------------------|----------|---------|----------|---------|
| RO   | 27/04/2024 | ISSUE FOR APPROVAL | A.M.h    | E.M     | M.SH     | HRCO    |
| REV. | ISSUE DATE | DESCRIPTION        | PREPARED | CHECKED | APPROVED | COMPANY |

CLIENT:  **پتروشیمی توسعه پارک**  
مشاور مهندسی گهر افق

CONSULTING ENGINEER: 

VENDOR:  

PROJECT: **STYRENE PARK OFFSITE**

DRAWING TITLE: **HOOK UP DRAWING FOR ACTIVE CARBON FILTER**

|                         |      |      |       |        |
|-------------------------|------|------|-------|--------|
| DRAWING NO.             | REV. | SIZE | SCALE | SHEET  |
| EI027-ENR-VD-IN-DWG-004 | RO   | A3   | NTS   | 4 of 4 |