

## Radiography TEST Report for Piping

| Report No. <b>HOMA-209</b>                                                                                                                                                                                                                                                                                                                | Reference Standard: <b>ASME B 31.3</b>                                                                                                  | RT Device S/N: <b>12689</b>               | Density: <b>2-4</b>                                             | Received Dose(μsv)                     | Gelger                | Dosimeter  | Radiographer Name | Personnel Code                                                                    |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------|----------------------------------------|-----------------------|------------|-------------------|-----------------------------------------------------------------------------------|-----------------------|-----------------|------------|-----------------------|-------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------|
| Report Date: <b>13/05/1405</b>                                                                                                                                                                                                                                                                                                            | RT Instruction No. <b>J-104-IN-33</b>                                                                                                   | KV: <b>2-2</b>                            | Sensitivity: <b>1/2</b>                                         | ...                                    | ...                   | 0          | سید حمید موسوی    | 1234                                                                              |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Radiography Date: <b>6/05/1405</b>                                                                                                                                                                                                                                                                                                        | RT Technique: <b>SWSI</b> <input type="checkbox"/> <b>DWSI</b> <input checked="" type="checkbox"/> <b>DWDI</b> <input type="checkbox"/> | Source Power: <b>40 ci</b>                | Film Type: <b>FUJIEB-NF-10</b>                                  | <b>30μsv</b>                           | <b>FS-536</b>         | <b>0</b>   | آذر رانسی         | 1216                                                                              |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Request No. <b>483</b>                                                                                                                                                                                                                                                                                                                    | Source Size: <b>2-2</b>                                                                                                                 | Total Film Length: <b>1,410CM</b>         | <b>30μsv</b>                                                    | <b>1243</b>                            | <b>0</b>              | <b>0</b>   | مساحت الحادی      | 1281                                                                              |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Page: <b>1/1</b>                                                                                                                                                                                                                                                                                                                          | <b>IQI</b> <b>10 - 16</b> <b>Fe</b> <b>DIN</b>                                                                                          | Exposure Time: <b>250min</b>              | Spilled Film: <b>...</b>                                        | <b>...</b>                             | <b>...</b>            | <b>...</b> | <b>...</b>        | <b>...</b>                                                                        |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Number of locations: <b>14</b>                                                                                                                                                                                                                                                                                                            | Total request (inch diameter/film sheet): <b>136</b>                                                                                    | Number of radiographic lesions: <b>14</b> | Total radiographed (inch diameter/film sheet): <b>136(inch)</b> | Start time: <b>21:00</b>               | End time: <b>3:30</b> |            |                   |                                                                                   |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Row                                                                                                                                                                                                                                                                                                                                       | Joint No.                                                                                                                               | Line No.                                  | RT No.                                                          | Size (inch)                            | Thk (mm)              | Film Size  | Segment           | Material                                                                          | Welder Stamp<br>W1 W2 | Welding Process | Joint Type | Req No.               | Weld Defect | Accept                              | Repair                   | Rebuild                  | Cut Out                  | Remark |
| 1                                                                                                                                                                                                                                                                                                                                         | 1                                                                                                                                       | PW-3334001-AN06-6-P                       | 5570RP/RT                                                       | 6                                      | 7.11                  | 24*2       | 25-35             |                                                                                   | 98                    |                 | BW         | 483                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 2                                                                                                                                                                                                                                                                                                                                         | 2                                                                                                                                       | PW-3334001-AN06-6-P                       | 5571RP                                                          | 6                                      | 7.11                  | 24*3       | ALL               |                                                                                   | 98                    |                 | BW         | 483                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 3                                                                                                                                                                                                                                                                                                                                         | 61                                                                                                                                      | GAS-1204037-GN28-12-P                     | 5512                                                            | 12                                     | 14.27                 | 40*3       | ALL               |                                                                                   | 122                   | 119             | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 4                                                                                                                                                                                                                                                                                                                                         | 58A                                                                                                                                     | GAS-1204037-GN28-12-P                     | 5517                                                            | 12                                     | 14.27                 | 40*3       | ALL               |                                                                                   | 122                   | 119             | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 5                                                                                                                                                                                                                                                                                                                                         | 5A.1                                                                                                                                    | GAS-1205052-HN28-10-IS                    | 5518                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 122                   |                 | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 6                                                                                                                                                                                                                                                                                                                                         | 5B                                                                                                                                      | GAS-1205052-HN28-10-IS                    | 5519                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 122                   |                 | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 7                                                                                                                                                                                                                                                                                                                                         | 5C                                                                                                                                      | GAS-1205052-HN28-10-IS                    | 5520                                                            | 10                                     | #REF!                 | 35*3       | ALL               |                                                                                   | 122                   | -               | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 8                                                                                                                                                                                                                                                                                                                                         | 6RW                                                                                                                                     | GAS-1205052-HN28-10-IS                    | 5521                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 96                    | -               | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 9                                                                                                                                                                                                                                                                                                                                         | 9A                                                                                                                                      | GAS-1205052-HN28-10-IS                    | 5522                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 122                   | -               | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 10                                                                                                                                                                                                                                                                                                                                        | 5A.1                                                                                                                                    | GAS-1205051-HN28-10-IS                    | 5529                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 122                   | 119             | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 11                                                                                                                                                                                                                                                                                                                                        | 5B                                                                                                                                      | GAS-1205051-HN28-10-IS                    | 5530                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 102                   |                 | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 12                                                                                                                                                                                                                                                                                                                                        | 5C                                                                                                                                      | GAS-1205051-HN28-10-IS                    | 5531                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 102                   |                 | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 13                                                                                                                                                                                                                                                                                                                                        | 5D                                                                                                                                      | GAS-1205051-HN28-10-IS                    | 5532                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 109                   |                 | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 14                                                                                                                                                                                                                                                                                                                                        | 6RW                                                                                                                                     | GAS-1205051-HN28-10-IS                    | 5533                                                            | 10                                     | 15.09                 | 35*3       | ALL               |                                                                                   | 102                   |                 | BW         | 475                   |             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 15                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 16                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 17                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 18                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 19                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 20                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| 21                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                           |                                                                 |                                        |                       | *          |                   |                                                                                   |                       |                 |            |                       |             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |        |
| Number of radiographed welds: <b>14</b>                                                                                                                                                                                                                                                                                                   |                                                                                                                                         | Total inch: <b>136(inch)</b>              |                                                                 | Total number of film sheets: <b>41</b> |                       |            |                   |                                                                                   |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Legend: P: Proxity CP: Cluster porosity LOP, IP: Lack Of Penetration, Inadequate Penetration UC: UnderCut S: Slag Inclusion HB: Hollow Bead EP: Excess Penetration WH: Worm Hole C: Crack CC: Crater Crack LOF, IF: Lack Of Fusion, Incomplete Fusion BT: Burn Through CL: Cold Lap MA: Misalignment IC: Internal Concavity FM: Film Mark |                                                                                                                                         |                                           |                                                                 |                                        |                       |            |                   |                                                                                   |                       |                 |            |                       |             |                                     |                          |                          |                          |        |
| Operator (Level II)                                                                                                                                                                                                                                                                                                                       |                                                                                                                                         |                                           |                                                                 | Sub-Contractor (NDT Contractor)        |                       |            |                   | Technical Manager                                                                 |                       |                 |            | Owner                 |             |                                     |                          |                          |                          |        |
| Name: سید حمید موسوی                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         |                                           |                                                                 | Name: سینا حاجی مقصودی                 |                       |            |                   |  |                       |                 |            | Name:                 |             |                                     |                          |                          |                          |        |
| Date: 13/05/1405                                                                                                                                                                                                                                                                                                                          |                                                                                                                                         |                                           |                                                                 | Date:                                  |                       |            |                   |                                                                                   |                       |                 |            | Date:                 |             |                                     |                          |                          |                          |        |
| Sign:                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                         |                                           |                                                                 | Sign:                                  |                       |            |                   |                                                                                   |                       |                 |            | Sign:                 |             |                                     |                          |                          |                          |        |
| Code: J-104-FO-09                                                                                                                                                                                                                                                                                                                         |                                                                                                                                         |                                           |                                                                 | Revision: 04                           |                       |            |                   | Issue Date: 1400.11.02                                                            |                       |                 |            | Rev. Date: 1404.07.29 |             |                                     |                          |                          |                          |        |