

# Radiography TEST Report for Piping

| Report No.                      | KSMASU-958 | Reference Standard:                                                                                          | ASME B 31.3         | RT Device SN:                                       | 1912                   | Density:                                       | 2-4         | Received Date(pv)  | Geiger       | Dosimeter                    | Radiographer Name | Personal Code          |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------|------------|--------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|------------------------|------------------------------------------------|-------------|--------------------|--------------|------------------------------|-------------------|------------------------|----------|---------------|-------------------------------------|--------------------------|--------------------------|--------------------------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Report Date:                    | 14/05/1405 | RT Instruction No.                                                                                           | J-104-IN-33         | RT:                                                 |                        | Sensitivity:                                   | 1/2         |                    | ...          | 0                            | هومان نادرى       | 1205                   |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radiography Date:               | 07/05/1405 | RT Technique:                                                                                                |                     | Source Power:                                       | 15 cl                  | Film Type:                                     | M3125-PB-38 | 60psv              | PC-524       | 0                            | پنهان فرخاني      | 1139                   |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Request No.                     | SSA-RQ-533 | SWS <input checked="" type="checkbox"/> DWS <input checked="" type="checkbox"/> DWD <input type="checkbox"/> |                     | Source Size:                                        | 2 mm                   | Total Film Length:                             | 1,104cm     | 50psv              | PC-529       | 0                            | مجتبی نادرى       | 1276                   |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Page:                           | 1/1        | IQI                                                                                                          | 10 - 16             | Fe                                                  | EN                     | Exposure Time:                                 | 145min      | Spoiled Film:      | ...          | ...                          | ...               | ...                    |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of locations:            | 17         | Total request (inch diameter/film sheet):                                                                    | 300                 | Number of radiographic lesions:                     | 13                     | Total radiographed (inch diameter/film sheet): | 100(inch)   | Start time:        | 20:30        | End time:                    | 3:30              |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Row                             | Joint No.  | Line No.                                                                                                     | RT No.              | Size (inch)                                         | Thk (mm)               | Film Size                                      | Segment     | Material           | Welder Stamp |                              | Welding Process   | Joint Type             | Req No.  | Weld Defect   | Accept                              | Repair                   | Rebuild                  | Cut-Out                  | Remark    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                 |            |                                                                                                              |                     |                                                     |                        |                                                |             |                    | W1           | W2                           |                   |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                               | 17         | FW-22-11-035                                                                                                 | UTA-143             | 12                                                  | 9.53                   | 40*3                                           |             | CS                 | GWC-030      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                               | 3          | FW-22-11-036                                                                                                 | UTA-144             | 16                                                  | 9.53                   | 27*6                                           |             | CS                 | GWC-029      | ,49                          |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                               | 17         | GOS-23-03-014                                                                                                | UTA-147             | 4                                                   | 6.02                   | 18*3                                           |             | CS                 | GWC-008      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                               | 2          | GOS-23-03-014                                                                                                | UTA-145             | 4                                                   | 6.02                   | 18*3                                           |             | CS                 | GWC-044      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                               | 45         | GOS-23-03-014                                                                                                | UTA-146             | 4                                                   | 6.02                   | 18*3                                           |             | CS                 | GWC-049      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                               | 40         | OXC-45-02-001                                                                                                | UTA-137             | 14                                                  | 11.13                  | 24*6                                           |             | SS                 | GWC-029      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                               | 3          | GA-701212B                                                                                                   | ASU-1977RT          | 6                                                   | 7.11                   | 24*2                                           |             | CS                 | GWC-045      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                               | 13         | GA-701303                                                                                                    | ASU-1980            | 6                                                   | 7.11                   | 24*3                                           |             | CS                 | GWC-049      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                               | 30         | GA-701303                                                                                                    | ASU-1983            | 6                                                   | 7.11                   | 24*3                                           |             | CS                 | GWC-049      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                              | 38         | GA-701303                                                                                                    | ASU-1982            | 6                                                   | 7.11                   | 24*3                                           |             | CS                 | GWC-049      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                              | 9          | GA-701303                                                                                                    | ASU-1981            | 6                                                   | 7.11                   | 24*3                                           |             | CS                 | GWC-029      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                              | 8          | CWR-705504A                                                                                                  | ASU-1978            | 8                                                   | 6.35                   | 30*3                                           |             | CS                 | GWC-017      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                              | 8          | CWR-705504B                                                                                                  | ASU-1979            | 8                                                   | 6.35                   | 30*3                                           |             | CS                 | GWC-017      |                              |                   |                        | SSA-RQ-5 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | SIME LINE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                              |            |                                                                                                              |                     |                                                     |                        | *                                              |             |                    |              |                              |                   |                        | SSA-RQ-5 |               | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of radiographed welds:   |            |                                                                                                              |                     | 13                                                  | Total inch:            |                                                |             |                    | 100(inch)    | Total number of film sheets: |                   |                        |          | 44            |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Legend:                         |            | P: Proximity                                                                                                 | C: Cluster porosity | LOP, I: Lack Of Penetration, Inadequate Penetration |                        | UC: UnderCut                                   |             | SI: Slag Inclusion |              | HB: Hollow Bead              |                   | EP: Excess Penetration |          | WH: Worm Hole |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                 |            | C: Crack                                                                                                     | C: Crater Crack     | LOF, IF: Lack Of Fusion, Incomplete Fusion          |                        | BT: Burn Through                               |             | CL: Cold Lap       |              | MA: MisAlignment             |                   | IC: Internal Concavity |          | FM: FilmMark  |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sub-Contractor (NDT Contractor) |            |                                                                                                              |                     |                                                     |                        |                                                |             |                    |              | Owner                        |                   |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operator (Level II)             |            |                                                                                                              |                     |                                                     | Technical Manager      |                                                |             |                    |              |                              |                   |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Name: هومان نادرى               |            |                                                                                                              |                     |                                                     | Name: سینا حاجی مصعودی |                                                |             |                    |              |                              |                   |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Date: 14/05/1405                |            |                                                                                                              |                     |                                                     | Date:                  |                                                |             |                    |              |                              |                   |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sign:                           |            |                                                                                                              |                     |                                                     | Sign:                  |                                                |             |                    |              |                              |                   |                        |          |               |                                     |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Code: J-104-FO-09               |            |                                                                                                              |                     |                                                     | Revision: 04           |                                                |             |                    |              | Issue Date: 1400.11.02       |                   |                        |          |               | Rev Date: 1404.07.29                |                          |                          |                          |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



مینیم شارژ ماهیانه تعلق میگیرد