

Radiography TEST Report for Piping

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|------------------------------|---|---------------------------|----------------------------|--------------------|--------|-----------|-------------------|----------------|
| Report No. 552 | Reference Standard: ASME B 31.3 | RT Device S/N: 120 | Density: 2-4 | Received Dose(μsv) | Geiger | Dosimeter | Radiographer Name | Personnel Code |
| Report Date: 11/03/1405 | RT Instruction No. J-104-IN-33 | KV: | Sensitivity: 1/2 | | ... | 0 | سید حمید موسوی | 1234 |
| Radiography Date: 08/03/1405 | RT Technique: | Source Power: 17 ci | Film Type: MX125-NIF-10 | 100μsv | 528 | 0 | محمد دیماد | 1147 |
| Request No. 551 | SWSI <input type="checkbox"/> DWSI <input checked="" type="checkbox"/> DWDI <input checked="" type="checkbox"/> | Source Size: 2-2 | Total Film Length: 1,044CM | 70μsv | 1208 | 0 | مصطفی نادری | 1124 |
| Page: 1/2 | IQI 10 - 16 Fe DIN | Exposure Time: 180min | Spoiled Film: | | ... | ... | ... | |

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|-------------------------|--|------------------------------------|---|-------------------|----------------|
| Number of locations: 24 | Total request (inch diameter/film sheet): 35 | Number of radiographic lesions: 24 | Total radiographed (inch diameter/film sheet): (inch) | Start time: 21:00 | End time: 4:00 |
|-------------------------|--|------------------------------------|---|-------------------|----------------|

| 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 | Reshoot | Retake | Cut-Out | Remark |
|-----|-----------|--------------------------|-----------|-------------|----------|-----------|---------|----------|--------------|----|-----------------|------------|---------|-------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------|
| | | | | | | | | | W1 | W2 | | | | | | | | | | |
| 1 | 011 | 1.5-PRO-10-72A11-B6P21 | 6041 | 1.5 | 5.08 | 15*3 | ALL | LTCS | PW-028 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2 | 039RWC | 2-HX-10-75E01-A3X21(2) | 1734RW | 2 | 5.54 | 15*2 | ALL | CS | PW-071 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3 | 016RWCCO | 1.5-PRO-10-72A14-B6P21 | 2047RWCO | 1.5 | 5.08 | 15*3 | ALL | LTCS | PW-028 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4 | 020RWCCO | 1.5-PRO-10-72A14-B6P21 | 2050RWCO | 1.5 | 5.08 | 15*3 | ALL | LTCS | PW-028 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5 | 021RWCCO | 1.5-PRO-10-72A14-B6P21 | 2051RWCO | 1.5 | 5.08 | 15*3 | ALL | LTCS | PW-028 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 6 | 015RWO | 5-N-10-08006-T2AG(P) | 4348RW-RP | 5 | 3.96 | 24*1 | 23-25 | SSCON | PW-137 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 7 | 016 | 1.5-PRO-10-72B01-B6P21-P | 5958 | 0.5 | 3.73 | 15*3 | ALL | LTCS | PW-140 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 8 | 017 | 1.5-PRO-10-72B01-B6P21-P | 5959 | 0.5 | 3.73 | 15*3 | ALL | LTCS | PW-140 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 9 | 018 | 1.5-PRO-10-72B01-B6P21-P | 5960 | 0.5 | 3.73 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 10 | 009 | 1.5-PRO-10-72B01-B6P21-P | 5961 | 0.5 | 4.78 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 11 | 033 | 1.5-PRO-10-72B03-B6P21-P | 5962 | 1.5 | 5.08 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 12 | 047 | 3-PRO-10-72B07-B6P21 | 5964 | 0.75 | 2.87 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 13 | 048 | 3-PRO-10-72B07-B6P21 | 5965 | 0.75 | 3.91 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 14 | 054 | 3-PRO-10-72B07-B6P21 | 5966 | 3 | 5.49 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 15 | 067 | 3-PRO-10-72B07-B6P21 | 5967 | 1 | 4.55 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 16 | 068 | 3-PRO-10-72B07-B6P21 | 5968 | 1 | 4.55 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 17 | 075 | 3-PRO-10-72B07-B6P21 | 5969 | 1.5 | 5.08 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 18 | 010RWC | 3-PRO-10-72B09-B6P21-P | 5970 | 3 | 5.49 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 19 | 005 | 3-PRO-10-72B10-B6P21-P | 5979 | 1 | 4.55 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 20 | 006 | 3-PRO-10-72B10-B6P21-P | 5980 | 1 | 4.55 | 15*3 | ALL | LTCS | PW-130 | | | BW | 551 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |

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| Number of radiographed welds: 20 | Total inch: (inch) | Total number of film sheets: 69 |
|----------------------------------|--------------------|---------------------------------|

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|----------------|--------------|----------------------|--|------------------|--------------------|------------------|------------------------|---------------|
| Legend: | P: Proximity | CP: Cluster porosity | LOP, IP: Lack Of Penetration, Inadequate Penetration | UC: UnderCut | SI: 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 |

| Sub-Contractor (NDT Contractor) | | QR Code | Owner | |
|---------------------------------|------------------------|---------|-------|-------|
| Operator (Level II) | Technical Manager | | Name: | Date: |
| Name: سید حمید موسوی | Name: سینا حاجی مقصودی | | Name: | Date: |
| Date: 11/03/1405 | Date: | | Sign: | Sign: |
| Sign: | Sign: | | | |