



# Inspection and Testing Certifications

Date \_\_\_\_\_

|                        |                       |
|------------------------|-----------------------|
| Name _____             | Phone _____           |
| Company/Location _____ | Email _____           |
| Customer PO _____      | Sales Order No. _____ |

**Instructions** Check all inspection and testing certifications which are required. For the selected certifications, please specify if the SOR® standard certification option is sufficient, or if additional specifications are required. If custom certification is needed, please be as descriptive as possible.

- PMI Report**
  - SOR Standard:** Alloy verification of wetted parts using x-ray fluorescence (XRF) technology to positively identify the part material used post manufacturing.
  - Customer specified alternate requirements

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- Hydrostatic Pressure Test**
  - SOR Standard:** Process conforms to ASME Section V and is conducted per serial number. If valves are used, hydro testing will be done with valve open and ports plugged.
  - Customer specified alternate requirements

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- Visual Inspection Report**
  - SOR Standard:** Visual weld inspection by certified weld inspector per sales order line item.
  - Customer specified alternate requirements

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- Factory Acceptance Test**
  - SOR Standard:** Summary of testing schedule completed per sales order line item.
  - Customer specified alternate requirements

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- Inspection Test Plan**
  - SOR Standard:** Summary of all the testing processes that will be conducted per sales order line item.
  - Customer specified alternate requirements

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- Mill Test Report**
  - SOR Standard:** Certifies that the listed serial numbers were manufactured using the materials on the associated Certified Material Test Reports (CMTR).
  - Customer specified alternate requirements

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- Dye Penetrant Examination**
  - SOR Standard:** Certifies that the listed serial numbers were examined by visible liquid penetrant in accordance with ASME Section V, Article 6.
  - Customer specified alternate requirements

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- NACE Compliance**
  - SOR Standard:** SOR shall provide certification of compliance that the pressure boundary components of the listed serial numbers were manufactured to meet NACE MR0175/ISO15156.
  - Customer specified alternate requirements

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- Ferrite Test**
  - SOR Standard:** Certifies the Ferrite Number (FN) of 20% of the welds per serial number is documented on associated weld map drawings.
  - Customer specified alternate requirements

# Inspection and Testing Certifications

- Radiographic Examination (X-Ray)**
  - SOR Standard:** Certifies the 3rd party radiographic examination of 5% of welds per sales order line item by sample size in accordance with ASME Section V.
  - Customer specified alternate requirements

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- Heat Treat**
  - SOR Standard:** Certifies heat treatment was conducted to ASTM standards per sales order line item.
  - Customer specified alternate requirements

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- Mag Particle Examination**
  - SOR Standard:** Certifies that the listed serial numbers were examined by visible mag particle in accordance with ASME Section V.
  - Customer specified alternate requirements

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- Ultrasonic Examination**
  - SOR Standard:** Certifies that the listed serial numbers were examined by 3rd party ultrasonic examination in accordance with ASME Section V.
  - Customer specified alternate requirements

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- ASME B31.1**
  - Pressure \_\_\_\_\_ psi     Temperature \_\_\_\_\_°F
- ASME B31.3**
  - Fluid Class:     Normal     Category D     Category M     High Pressure

Additional comments: \_\_\_\_\_  
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