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**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Part 195 Requirements**

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. New Breakout Tank Specs (API 620 Tanks)** Does the design specification (or design package) require the low-pressure tank design and construction to comply with currently IBR’d edition of API 620 as required by §195.132(b)(2)? (TDC.620REGS.TANKSPEC.P) | | | | | | | | | 195.132(b)(2) (195.3(b)(17); API 620, Section 1.2.1) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Tank Overfill Protection - Devices** Do records indicate that adequate overfill protection was installed and function tested prior to placing the tank in service? (TDC.620REGS.OVERFILLPROT.R) | | | | | | | | | 195.428(c) (195.132(b)(2); API Std 2350, Section 4.6; API Std 2350, Section 4.8) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **9. Tank Overfill Protection - SCADA** Do records indicate initial testing was conducted for applicable SCADA overfill protection systems for each new tank? (TDC.620REGS.OVERFILLSCADA.R) | | | | | | | | | 195.446(c)(2) (195.132(b)(2); API RP 2350) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **11. Pressure and Vacuum Relieving Devices** Do records indicate adequate pressure reliefs and vacuum relief devices and liquid relief valves (if required) were installed and tested? (TDC.620REGS.PRESSUREDEVICES.R) | | | | | | | | | 195.264(e)(3) (API 620, Section 9.2; API 620, Section 9.5; API 620, Appendix K; API 620, Appendix N; API Std 2000, Section 5.4; API Std 2000, Section 6) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **13. Impoundment, Grading, and Drainage for Tank Areas** Do records (e.g., as-built drawings) verify that proper impoundment, grading, and drainage was provided around the tank? (TDC.620REGS.IMPOUNDMENT.R) | | | | | | | | | 195.264(b)(1) (NFPA-30, Section 22.11.1; NFPA-30, Section 22.11.2; API 620, Appendix C.2; API 620, Appendix C.3; API 620, Appendix C.10) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **17. Tank CP - System Design (API RP 651)** For new API 620 tanks that have cathodic protection (CP), do records demonstrate the breakout tank(s) have cathodic protection installed as required by §195.565? (TDC.620REGS.CPDESIGN.R) | | | | | | | | | 195.565 (195.404(c); 195.563(d); 195.589(a); 195.589(b); 195.589(c); API RP 651, Section 6.3.4; API RP 651, Section 6.3.5; API RP 651, Section 7.2.1; API RP 651, Section 11.4; 195.563(a)) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Design**

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Foundation Design - Soil Bearing Capacity** Do records (core samples and bearing calculations) indicate the soil load bearing conditions are adequate to support the tank and maintain the levelness of the foundation? (TDC.620DESIGN.FDNBEARINGCAP.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.5.6.1; API 620, Appendix C.2; API 620, Appendix C.3) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Foundation Design** Do the records indicate the tank foundation design met the requirements of API 620, Section 6.5.6? (TDC.620DESIGN.FOUNDATION.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.5.6; API 620, Appendix C) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Tank Course Thickness Design** Do the design records verify operator selected the shell course thicknesses for each course based on the maximum product head pressure plus the design pressure of the tank? (TDC.620DESIGN.COURSETHICKNESS.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 5.3; API 620, Section 5.4; API 620, Section 3.1.1) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **8. Tank Design Requirements (API 620, Section 5)** Does the design package include the applicable requirements for design stresses and strength, design forces, loading, reinforcement, components, and appurtenances from API 620, Sections 5.5 to 5.27? (TDC.620DESIGN.DESIGNLIST.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 5) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Fabrication**

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Workmanship in Fabrication** Do field observations show fabrication workmanship is being conducted in a manner that demonstrates proper fit and finish? (TDC.620FAB.WORKMANSHIP.O) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.2; API 620, Section 6.3; API 620, Section 6.13; API 620, Section 6.16) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Dimensional Tolerances - Plumbness** Do field observations confirm that dimensional tolerances for tank sidewall plumbness meet the specific requirements of API 620, section 6.5.2? (TDC.620FAB.PLUMBNESS.O) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.5.2) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Dimensional Tolerances - Roundness** Do field observations confirm that dimensional tolerances for roundness meet the specific requirements of API 620, section 6.5.3? (TDC.620FAB.ROUNDNESS.O) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.5.3) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Dimensional Tolerances - Local Deviations** Do field observations confirm that dimensional tolerances for local deviation meet the specific requirements of API 620, section 6.5.4? (TDC.620FAB.LOCALDEVIATION.O) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.5.4) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Dimensional Tolerances - Fitting Attachments** Do field observations confirm that dimensional tolerances for fittings attachments meet the specific requirements of API 620, section 6.5.5? (TDC.620FAB.FITTINGATTACH.O) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.5.5) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Welding**

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Welding Procedure Specifications (WPS)** Do the tank welding specifications require the erection/fabrication manufacturer to prepare welding procedure specifications (WPS) that comply with ASME BPVC code section IX (and any additional provisions of API 620, Sections 6.6 – 6.14 and 6.19)? (TDC.620WELDING.PROCEDURES.P) | | | | | | | | | 195.214 (195.132(b)(2); API 650, Section 6.7; API 650, Section 6) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Welding Procedure Specifications (WPS)** Do records indicate the tank erection/fabrication manufacturer prepared welding procedure specifications (WPS) that comply with ASME code section IX (and any additional provisions of API 620)? (TDC.620WELDING.PROCEDURES.R) | | | | | | | | | 195.214(b) (195.132(b)(3); API 620, Section 6.7; API 620, Section 6) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Welding Procedure Specifications (WPS)** Do field observations indicate the tank erection/fabrication manufacturer followed the welding procedure specifications (WPS)? (TDC.620WELDING.PROCEDURES.O) | | | | | | | | | 195.214 (195.132(b)(2); API 620, Section 6.7; API 620, Section 6) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Qualification of Welders** Do the tank welding specifications (or design package) require all welders assigned to manual or semi-automatic arc welding, and welding operators assigned to machine welding, to have successfully passed the tests conducted by the fabricator, or manufacturer, as prescribed for welder qualification in Section IX of the ASME BPVC? (TDC.620WELDING.WELDERQUAL.P) | | | | | | | | | 195.222 (195.132(b)(2); API 620, Section 6.8) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Qualification of Welders** Do records indicate the welders and welder operators were qualified in accordance with the Section IX of the ASME BPVC? (TDC.620WELDING.WELDERQUAL.R) | | | | | | | | | 195.222 (195.132(b)(2); API 620, Section 6.8) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Qualification of Welders** Do field observations confirm the welders and welder operators being observed have been qualified in accordance with Section IX of the ASME BPVC? (TDC.620WELDING.WELDERQUAL.O) | | | | | | | | | 195.222 (195.132(b)(2); API 620, Section 6.8) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Repair of Weld Defects** Do records indicate weld defects were removed until sound metal was reached on all sides and the repaired welds retested? (TDC.620WELDING.REPAIRDEFECTS.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.15)  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Inspection**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Inspection of Materials** Do records indicate that all tank materials were properly inspected and tested? (TDC.620INSP.INSPECTMATLS.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 7.1) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Tank Construction Inspector Qualifications** Do records indicate that tank construction inspectors were properly qualified? (TDC.620INSP.INSPECTORQUAL.R) | | | | | | | | | 195.204 (195.132(b)(2); API 620, Section 7.2) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **5. Weld Inspection Standards** Do records indicate welds are inspected to ensure compliance with the requirements of §195.228 and API 620, Section 7.15? (TDC.620INSP.WELDINSPECT.R) | | | | | | | | | 195.228(a) (195.228(b); 195.234; API 620, Section 7.15; ) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **6. Weld Inspection Standards** Do field observations indicate welds are inspected to ensure compliance with the requirements of §195.228 and API 620, Section 7.15? (TDC.620INSP.WELDINSPECT.O) | | | | | | | | | 195.228(a) (195.228(b); 195.234; API 620, Section 7.15; ) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **7. Repair of Weld Defects** Do records indicate weld defects were removed until sound metal was reached on all sides and the repaired welds retested? (TDC.620WELDING.REPAIRDEFECTS.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 6.15)  *Note: this question is presented in multiple places so you will see multiple instances of it on this report.* | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Hydrostatic Testing**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Hydrostatic and Pneumatic Tests** Does the hydrostatic and hydrostatic-pneumatic test plan meet all requirements of API 620, Sections 7.18 and 7.20? (TDC.620HYDRO.HYDROTEST.P) | | | | | | | | | 195.307(b) (195.132(b)(2); API 620, Section 7.18; API 620, Section 7.20) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Hydrostatic and Pneumatic Tests** Do records indicate the tank hydrostatic and hydrostatic-pneumatic test were completed properly in accordance with the test plan and API 620, Sections 7.18 and 7.20? (TDC.620HYDRO.HYDROTEST.R) | | | | | | | | | 195.310 (195.307(b); 195.132(b)(2); API 620, Section 7.18; API 620, Section 7.20) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **3. Hydrostatic and Pneumatic Tests** Do field observations indicate the tank hydrostatic and hydrostatic-pneumatic testing is being conducted according to the plan and is meeting all requirements? (TDC.620HYDRO.HYDROTEST.O) | | | | | | | | | 195.307(b) (195.310; 195.132(b)(2); API 620, Section 7.18; API 620, Section 7.20) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **4. Foundation Inspection during the Hydrostatic Test** Do records indicate the tank foundation was inspected during the hydrostatic test in accordance with API 620, Section 8.3.2? (TDC.620HYDRO.INSPECTFDN.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 8.3.2; API 620, Appendix R.6.3) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Tank Design and Construction - New API 620 Tanks (Low Pressure) - Marking**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. Tank Nameplate Data** Do field observations confirm that the tank nameplate was properly attached and includes the information listed in API 620, Section 8.1? (TDC.620MARKING.NAMEPLATE.O) | | | | | | | | | 195.132(b)(2) (API 620, Section 8.1) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **2. Tank Manufacturer's Report** Upon completion of the tank, do records indicate manufacturer provided a tank report summarizing all the data on the tank, including all drawings and charts as required by API 620, Section 8.3? (TDC.620MARKING.MANUFREPORT.R) | | | | | | | | | 195.132(b)(2) (API 620, Section 8.3; API 620, Section 7.13; API 620, Appendix M) | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | Sat+ | Sat | Concern | Unsat | NA | NC |  |  | |  |  |  |  |  |  |  | | | Notes | | | | | | | | |

**Screening - TDC - New Breakout Tanks (API 620 Low Pressure) - Regulatory Requirements**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **1. New Breakout Tanks (API 620 Low Pressure)** Are any new low pressure (API 620) breakout tank(s) being planned/constructed? (SRN.TDC-620.TK620.S) | | | | | | | | |  | | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | SI | PAC | NIC | NA |  |  |  |  | |  |  |  |  |  | |  |  | | Notes | | | | | | | | |

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.