# PRESSURE TESTING CHECKLIST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Workplace: ­­­­ |  | Inspected By: |  | Date: |  |

| **#** | Item | Yes | No | N/A | Required Actions/Comments |
| --- | --- | --- | --- | --- | --- |
|  | Have representatives from the applicable department been informed, have they inspected the test equipment and are they monitoring the testing? |  |  |  |  |
|  | Has the scope of the pressure testing been discussed with all involved? |  |  |  |  |
|  | Has an approved risk assessment (e.g. JSA) been discussed with employees and is it available for review? |  |  |  |  |
|  | A written and approved procedure is available and contains the following minimum information? |  |  |  |  |
| 4.1. | * + A pressure test or hydrostatic test diagram? |  |  |  |  |
| 4.2. | * + Test pressures? |  |  |  |  |
| 4.3. | * + Test sequence? |  |  |  |  |
| 4.4. | * + A test manifold arrangement? |  |  |  |  |
| 4.5. | * + The location of blind flanges and isolation valves? |  |  |  |  |
| 4.6. | * + The location of check valves? |  |  |  |  |
| 4.7. | * + The location of the lowest rated component that determines the test pressure? |  |  |  |  |
| 4.8. | * + The location of air vents? |  |  |  |  |
| 4.9. | * + Relief valve size and set pressure? |  |  |  |  |
| 4.10. | * + Vacuum valve size and set pressure? |  |  |  |  |
| 4.11. | * + Test medium and disposal method? |  |  |  |  |
| 4.12. | * + Listing of correct sequence and necessary torque of all blind flange bolts and verification of set torque? |  |  |  |  |
| 4.13. | * + Use of properly rated gaskets as per manufacturer’s specs (e.g. quality, service use, pressure rating)? |  |  |  |  |
| 4.14. | * + The minimum temperature permitted? |  |  |  |  |
| 4.15. | * + The inspection requirements? |  |  |  |  |
| 4.16. | * + The control of access to the test area? |  |  |  |  |
| 4.17. | * + Location of barricades and warning signs for the test area? |  |  |  |  |
| 4.18. | * + The emergency arrangements? |  |  |  |  |
| 4.19. | * + The location of the filling point? |  |  |  |  |
|  | Is water the test medium? If not, is the use of other another medium justified? Are precautions taken to prevent hazardous conditions? |  |  |  |  |
|  | Are procedures followed for the selection and treatment of hydrostatic test water? |  |  |  |  |
|  | Is the appropriate test equipment being used? The following are minimum requirements (certain tests will not need all equipment listed): |  |  |  |  |
| 7.1 | * + Has the relief valve(s) been tested and tagged ‘TESTED’ with the set pressure and date? |  |  |  |  |
| 7.2 | * + Does the relief valve(s) have adequate capacity and the appropriate set pressure? |  |  |  |  |
| 7.3 | * + There is no block valve in the relief valve's outlet or inlet. (Exception: Relief valve may be installed on existing valve connection if removal of the valve is not practical because of liquid in the system, but the valve must be sealed open during the test.) |  |  |  |  |
| 7.4 | * + Have two or more accurate and reliable pressure gauges of the appropriate range been calibrated within 30 days of the pressure test? |  |  |  |  |
| 7.5 | * + Do the pressure gauges have block and bleed valves? |  |  |  |  |
| 7.6 | * + Has the test piping pressure been tested to at least 20% above the test pressure of the system under test? |  |  |  |  |
|  | * + Has all of the equipment that is not adequate for test pressures been isolated? |  |  |  |  |
| Testing Summary / Additional Comments | | | | | |
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