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| Obraz zawierający obiekt, lampa  Opis wygenerowany automatycznie |  |  | | |  |  |
|  | | | | | | |
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| **Pressure proof test of an oxidizer tank** |
| Checklist |
|  |
| The following dokument provides a checklist of correctly done pressure tests of an oxidizer tank. |

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| PROCEDURES CHECKLIST | | | | | | | | |
| **Date (YYYY-MM-DD):** | | | | | **People responsible for the test:** | | | |
| **Time of procedure initiation (HH:MM):** | | | | | **Time of procedure completion (HH:MM):** | | | |
| **Location: 011** | | | | | **Model of the pump used:** | | | |
| **Tested component:**  **TWR.3.00.00.000\_Zbiornik** | | | | | **Number:** | | | |
| **Maximum pressure during work: 90 Bar** | | | | | **Work time: 3 hours** | | | |
| **Pressure obtained:** | | **Time elapsed after reaching maximum pressure:** | | | **Pressure after elapsed time:** | **Confirmed safety factor:** | | **Result:** |
| **#** | **Time of activity** | | **Local time** | **Status** | **Activity** | | **Comments** | |
| 1. |  | |  | [ ] | Read the safety rules and the test instruction. Put on protective clothing. | |  | |
| 2. |  | |  | [ ] | Gather all materials needed in accordance with the checklist [number of the list of materials checklist]. Check the compliance of the components with their drawings. | |  | |
| 3. |  | |  | [ ] | Make sure that the elements have been cleaned in accordance with the checklist [number of the elements cleaning checklist]. | |  | |
| 4. |  | |  | [ ] | Screw pump adapter to the pump itself with proper sealing | |  | |
| 5. |  | |  | [ ] | Put a sealing ring onto the thread of adapter. | |  | |
| 6. |  | |  | [ ] | Screw the plug into the one of the threaded holes. | |  | |
| 7. |  | |  | [ ] | Set the tank with the plug facing down, then fill it with non-mineralized water to the level of second threaded hole. | |  | |
| 8. |  | |  | [ ] | Top up with water using a syringe. | |  | |
| 9. |  | |  | [ ] | Wipe all water on the tank and plugs surface using paper towels. | |  | |
| 10. |  | |  | [ ] | Use proper sealing in the adapter to the tank. | |  | |
| 11. |  | |  | [ ] | Screw the pump into the second of the threaded holes. | |  | |
| 12. |  | |  | [ ] | Check the tightness by moving around the tank. | |  | |
| 13. |  | |  | [ ] | Pressurize the tank to 0,5 MPa. | |  | |
| 14. |  | |  | [ ] | Check for water leaks (especially on the thread). If there are leaks on the thread, apply bigger force and check the sealing rings. | |  | |
| 15. |  | |  | [ ] | If there are no leaks, cover it with bright clothes. | |  | |
| 16. |  | |  | [ ] | Pressurize the tank until a pressure of 90 Bar is reached. | |  | |
| 17. |  | |  | [ ] | After reaching a pressure of 90 Bar, lock the pump and wait for 180 minutes and check on leaks as the pressure is reached and then every 20-30 minutes. | |  | |
| 18. |  | |  | [ ] | Write down the pressure current pressure at every check, the table provided. | |  | |
| 19. |  | |  | [ ] | Pump out the water until the ambient pressure is reached. | |  | |
| 20. |  | |  | [ ] | Take the oxidizer tank out of the container and place it vertically with the hole with pump facing up. | |  | |
| 21. |  | |  | [ ] | Check for water leaks and mark them using a black marker. | |  | |
| 22. |  | |  | [ ] | Unscrew the pump. | |  | |
| 23. |  | |  | [ ] | Pour out water from the tank (water can be used once again in another hydrotest). | |  | |
| 24. |  | |  | [ ] | Remove the plug. | |  | |
| **Notes:**   |  |  |  | | --- | --- | --- | | No of measurement | Time passed from beginning of test | Current pressure | | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | 5 |  |  | | 6 |  |  | | | | | | | | | |
| **Legible signatures of people responsible for the test:** | | | | | | | | |