

CRL-ITR-007 - Hydro Pressure Test



Aotea Station - L2 Plant - CRL-AOT-MEC-AES-DRG-138601 (Piping) - CHW / HHW F & R Main Piping Run - CRL-ITR-007 - Hydro Pressure Test -

First Activity: 26 Jun 2023 2:16pm

Last Activity: 26 Jun 2023 2:19pm

Checklist: pass

Passed: 1

Failed: 0

N/A: 0


CRL-ITR-007 - Hydro Pressure Test

Prior to Status please add the below fill boxes

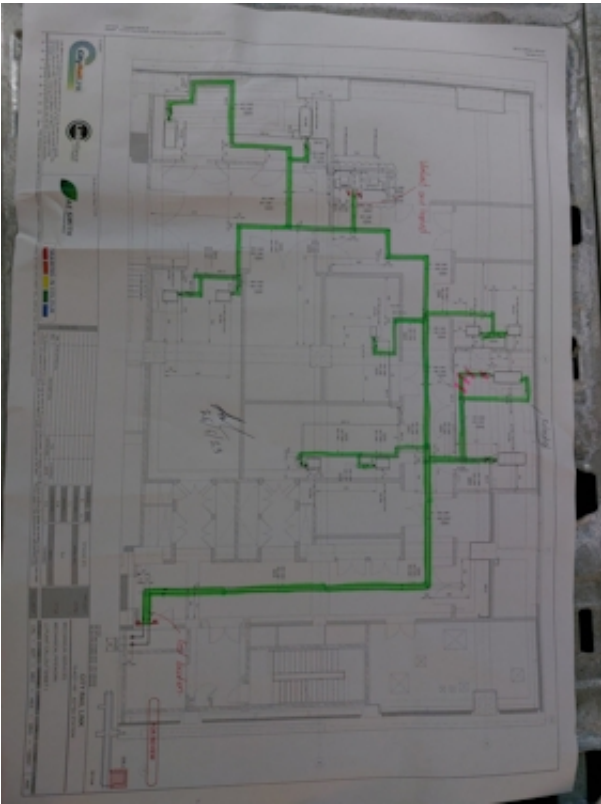
Estimated Test Volume (L)

Inhibitor added (4L / 1000)

| Details of pressure test | | | |
|----------------------------------|----------------------------|-----------------|--------------------|
| Status | Pass | | 23 |
| System Name/No. | Chilled water | Jeremy Paterson | 26 Jun 2023 2:16pm |
| Location / Drawing No. | CRL-AOT-MEC-AES-DRG-138601 | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Test Instrument & Serial Number. | 001 | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Normal Working Pressure | 600 | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Start test ambient temperature | 14 | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Start test date | 26-6-23 | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Start test time | 9am | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Start test pressure | 300kpa | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Finish test ambient temperature | 14 | Jeremy Paterson | 26 Jun 2023 2:17pm |
| Finish test date | 26-6-23 | Jeremy Paterson | 26 Jun 2023 2:18pm |
| Finish test time | 2pm | Jeremy Paterson | 26 Jun 2023 2:18pm |
| Finish test pressure | 300kpa | Jeremy Paterson | 26 Jun 2023 2:18pm |

| | | | |
|---|---|-----------------------------------|--------------------|
| Details of pressure test | | | |
| Corrected pressure at test completion | Na | Jeremy Paterson | 26 Jun 2023 2:18pm |
| Attach photos of the gauges as required | | | |
| FORMULA: | | | |
| $P_c = P \times (T_s + 273) / (T + 273)$ kpa | | | |
| $P_c = P \times (+273) / (+273)$ kPa | | | |
| $P_c =$ kPa | | | |
| WHERE:- | | | |
| P = PRESSURE REQUIRING CORRECTION i.e. PRESSURE ACTUALLY READ AT TEST END | | | |
| Pc = CORRECTED PRESSURE | | | |
| Ts = AMBIENT TEMPERATURE oC AT START OF TEST | | | |
| T = AMBIENT TEMPERATURE oC AT SAME TIME OF READING P. | | | |
| Signature |  | Jeremy Paterson | 26 Jun 2023 2:23pm |
| Signatory | Monique Oliver | monique.oliver@linkalliance.co.nz | |
| Air trade test | | Jeremy Paterson | 26 Jun 2023 2:18pm |

Details of pressure test



Jeremy Paterson

26 Jun 2023 2:20pm

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Jeremy Paterson

26 Jun 2023 2:20pm

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