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| Waikeria Prison Development - Inspection & Test Plan (ITP) | | |
| **Process / Sub - Process:** | | Combined Services - Heating Hot Water and Chilled Water Pipework Hydrostatic Pressure Test |
| **WP Number:** | | NZ1005-CS-WPK-51 |
| **ITP No.:** | | AES-NZ1005-STE-ITP-PMT-0023 **Rev: A** |
| **Date:** | | 11.11.2022 |
|  | | |
| This Inspection & test plan comprises the following documents and is approved for use: | | |
| **Part 1** | Inspection and Test Plan | |
| **Part 2** | Check Sheet | |
| **Part 3** | Lot Verification Checklist | |

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| **Reference Documentation:**  **Project Specifications:**  **Drawings:** | Medium duty black steel to AS 1074  Welded: To ANSI/API Spec 5L grade B.  Seamless: To ANSI/API Spec 5L grade B or ASTM A106 grade B.  Standard: To AS 4041.  NZT5007-STE-MSSP-0001  AES-NZ1005-STE-SHD-MEC-1101  -in sequence up to- AES-NZ1005-STE-SHD-MEC-1142 | |
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|  |  | |
| Prepared by: Mike Simpson | AE Smith | 11.11.2022 |
| Reviewed by: CPB Engineer | (signature) | (date) |
| Reviewed by: CPB QA Rep | (signature) | (date) |
| Reviewed by: CPB Completions Rep | (signature) | (date) |
| Reviewed by: Consultant (If applicable. N/A for Architects) | (signature) | (date) |
| Approved by: CPB SPE or higher | (signature) | (date) |

Inspection and Test Plan

Part 1 of inspection & test Plan

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| Contractor Name (if applicable): |  | Process: |  | ITP No: |  |

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| No. | Inspection / Test Point | Responsibility | Specification Reference | Conformance Criteria summary | Method | Frequency | Hold/Witness Requirements | | | Records or Checklist Reference |
| SubCon | CPB | Consultant |
| Preliminary Inspections and Tests | | | | | | | | | | |
| 1 | RDM & Consent Approval | CPB | RDM Tracker Consent Tracker | RDM approval tracker  Consent approval tracker | Document Review | By Building/Area |  | HP |  | Receipt of Approval by Client |
| 2 | Define LOT Area |  | IFC Drawings | Lot areas clearly defined |  |  |  |  |  | LOT Map / Register |
|  |  |  |  |  |  |  |  |  |  |  |
| Construction (in-process) Inspections and Tests | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
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| Completion Inspections and Tests | | | | | | | | | | |
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| **LEGEND** | | | | | | |
| **Responsibility** | **Method** | **Frequency** | | | **Verification Requirement** | |
| FM Foreman | I Inspection | PW Prior to Works | | | HP Hold Point | |
| SE Site Engineer | R Review | PL Per Lot | | | WP Witness Point | |
| PE Project Engineer | S Survey |  | | | N/A Not Applicable | |
| SPE Senior Project Engineer | T Test |  | | | RR Records Review | |
| SV Surveyor | M Milestone |  | | |  | |
| QM Quality Manager | V Verification |  | | |  | |

Quality Control Checklists

Part 2 of inspection & test Plan

*Quality Control Checklist – aTTACH ALL CHECKLIST TEMPLATES USED FOR THIS ITP*

*\*NAme of checklISt must be included on ITP PArt 1 last column (RecORds or CHecklist reference)*

Inspection and Test Plan Lot Verification Checklist

Part 3 of inspection & test Plan

|  |  |
| --- | --- |
| **Lot Number:** |  |
| **Lot Description:** |  |

*Note: Item / # records to be filled out by CPB Engineer - minimum is to match ITP, extra documents can be added*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Item | Number of Records Required | LOT Subfolder No: | Remarks (initial / date) |
| ITP / Quality Control Checklists | | | | |
| 1.0 |  |  |  |  |
| 1.1 |  |  |  |  |
| Survey Results | | | | |
| 2.0 |  |  |  |  |
| 2.1 |  |  |  |  |
| Test Results | | | | |
| 3.0 |  |  |  |  |

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| --- | --- | --- | --- |
| Conformance of Work Statement *(if required ie if some docs not signed*):  The works for this construction lot conforms in respects to the ITP. | | | |
| Name: | Signed: | *Subcontractor:* | Date: |
| Conformance of Work Statement:  The works for this construction lot conforms in respects to the ITP. | | | |
| Name: | Signed: | *Foreman/Supervisor* | Date: |
| Conformance / Verification of Construction Lot Statement:  This closed lot conforms in all respects with the standards and requirements specified in the Contract Documents. The lot verification records are complete and attached. Any non-conformances have been dispositioned in accordance with the contract requirements. | | | |
| Name: | Signed: | *Project Engineer/Senior Project Engineer* | Date: |
| Quality Review: | | | |
| Name: | Signed: | ***Quality Manager / Rep.*** | Date: |