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| M Lot No: | Lot Details: | Lot size/Quantity: | Date: |

| **Item**  **No.** | **Task/Activity Description** | **Inspection/Test** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** |  | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | Project Engineer  Principal’s Rep.  Surveyor  Foreman |  |  |  |
| **1.0** | **Preliminary Activities – Permits, Documentation, Approvals, Survey Documentation** | | | | | | | | | | | |
| 1.1 | Check for correct documentation | Prior to commencing activity | Ensure that all employees and subcontractors are: - using the correct and complete set of drawings. - all drawings are the latest revision. | Drawings / Aconex Register | Verify | Drawings and drawing registers | HP\* | Project Engineer |  |  |  |
| 1.2 | Implementation of all measures and controls | Prior to commencing activity | All necessary measures and controls being implemented, that is PSP, EMP, TMP, SWMS & WP. | PSP, EMP, TMP, JSEA, SWMS, WP | Visual inspection | This ITP signed | HP\* | Project Engineer |  |  |  |
| 1.3 | Survey Checks | Prior to commencing activity | Check survey to be completed of all footing positions prior to placing any of the components. | Drawings | Verify | This ITP signed  Survey Report | HP\* | Project Engineer / Surveyor |  |  |  |
| 1.4 | Material Submissions and Shop Drawings | Prior to commencing activity | **HOLD POINT** Items to include but not limited to:   * Fuel lines * Fuel line Connections * Fuel storage materials * 900kV Diesel Generator * Fuel Tanks | ZULU-BECA-001-SPC-00005 - C2100 - ELECTRICAL SERVICES - GENERAL  Drawings  AS 1692, AS 1940:2017 and AS 1692:2006 | Verify | Aconex Reference | **HP** | Project Engineer **/ Principals Representative** |  |  |  |
| 1.5 | Temporary Works | Prior to commencing activity | Submission and approval of documentation based on the Temporary Design Process Matrix | ZULU-BECA-001-SPC-00005  Drawings | Verify | As defined by the Temporary Works Design Process Matrix (where applicable) | HP\* | Project Engineer |  |  |  |
| 1.6 | Off-site Inspections | Each Lot | **WITNESS POINT**  Inspection and attendance on site for Factory Acceptance Testing for:   * Cummins Generator * Fuel tanks   Following these inspections FAT testing shall be submitted. | ZULU-BECA-001-SPC-00005  Drawings | Verify | This ITP Signed  Factory Acceptance Tests | **WP TP**  **IP** | Project Engineer **/ Principals Representative** |  |  |  |
| **2.0** | **Construction** | | | | | | | | | | | |
| 2.1 | Delivery of Materials to Site | Each Lot | Inspection of materials whilst still loaded on the truck prior to accepting the delivery on site.  Identify any damage/defects prior to unloading of the material. | Drawings | Visual Inspection | This ITP Signed  Materials Inspection Checklist on Conqa | IP | Project Engineer / Site Engineer |  |  |  |
| 2.2 | Inspection of Pipes, Transition Pits, Pits, Conduits, Slabs, and Structure | Each Lot | Generator/Fuel Contractor to inspect builder’s trench to confirm suitability and as per design  Generator/Fuel Contractor to install pipes, pits and conduits as per approved design. | Drawings | Visual Inspection | This ITP Signed | IP | Project Engineer / Site Engineer |  |  |  |
| 2.2 | Lifting Preparation (900KVA Generator, 1000L Fuel Tank and 20000L Fuel Tank) | Each Lot | Complete Pre-Lift/s Commencement Checklist prior to each component being lifted.  Ensure relevant drawings, lifting & fixing plans available to the crew. | ZULU-BECA-001-SPC-00005  Drawings  Lifting Plan | Visual Inspection | Pre-Lift/s Commencement Checklist  This ITP Signed | IP, SCP | Site Engineer / Foreman / Surveyor |  |  |  |
| 2.3 | Equipment Placement | Each Lot | Survey to confirm component placement as per the design.  Install all fixings as per the drawings & engineers plan and suppliers’ specification.  Ensuring the generator is placed on waffle mats for vibration dampening purposes and aligned properly with the radiator duct & exhaust outlet. | ZULU-BECA-001-SPC-00005  Drawings  Lifting Plan | Verify | This ITP Signed  Subcontractor ITP | IP / SCP | Site Engineer / Surveyor |  |  |  |
| 2.4 | Generator Installation | Each Lot | **WITNESS POINT**  Installation to include but not limited to:   * 900KVA Generator * Flashings, trims & weatherproofing * Exhaust Mounting Bracket * Intake Cowl * Radiator Duct * Exhaust System Installation * Duct Installation * Control Panels | ZULU-BECA-001-SPC-00005  Drawings  Manufacturers Specification | Visual Inspection | This ITP Signed  Factory Acceptance Tests  Subcontractor ITP | **WP**  **TP** | Project Engineer **/ Principals Representative** |  |  |  |
| 2.5 | 20000L & 1000L Fuel Tank Installation | Each Lot | **WITNESS POINT**  Installation to include but not limited to:   * 20000L Fuel Tank * 1000L Fuel Tank * Fuel Pump Delivery System * Fuel Control Panel * Earthing system (AS1020 & AS4897) | ZULU-BECA-001-SPC-00005  Drawings  Manufacturers Specification | Visual Inspection | This ITP Signed  Factory Acceptance Tests  Subcontractor ITP | **WP**  **TP** | Project Engineer **/ Principals Representative** |  |  |  |
| 2.6 | Fuel line Connections | Each Lot | Fuel lines are to be connected between the generator and fuel cell(s) and terminated in their final positions.  Ensure bend radius, connections etc are all as per manufacturers specification. | ZULU-BECA-001-SPC-00005  Drawings | Verify | This ITP Signed  Subcontractor ITP | IP | Project Engineer / Site Engineer |  |  |  |
| 2.7 | Testing of Fuel lines | Each Lot | **WITNESS POINT**  Fuel lines are to be pressure tested to ensure there are no leaks or weak points prior to any fuel being introduced into the system. | ZULU-BECA-001-SPC-00005  Drawings | Verify | This ITP Signed  Test results  Subcontractor ITP | **WP**  **TP** | Project Engineer **/ Principals Representative** |  |  |  |

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| **Final Inspection** The signature below verifies that this ITP has been completed in accordance with the Fulton Hogan’s Quality system Procedures and verifies lot compliance with specifications.  **Print Name: Position: Signature: Date: / /** |

**Legend:**

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| **HP** | Hold Point | Work shall not proceed past the HP until released by the Principal’s Representative | **IP** | Inspection point | Formal Inspection to be done and recorded |
| **HP\*** | Fulton Hogan Hold Point | Work shall not proceed past the HP\* until released by Fulton Hogan | **TP** | Test Point | Product compliance test to be undertaken and recorded/reported |
| **WP** | Witness Point | An inspection which must be witnessed by the Principal’s Representative | **SCP** | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| **AP** | Approval Point | Written or verbal approval given by the Principal’s Representative |  |  | |

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| **Notes** |  |  |  |  |