**Referenced to Water Corporation Standards: DS26-05, DS26-27 AND DS26-45.**

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| **1. GENERAL DATA** |
| PROJECT NAME | PROJECT NO: |
| IDENTIFICATION: |  |

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| **2. GENERATOR DATA** |
| MAKE: | KW/KVA: |
| SERIAL NO: | VOLTAGE: |
| TYPE/MODEL: | CURRENT: |
| FRAME: | FREQUENCY: |
| ENCLOSURE PROTECTION: | SPEED: |
| COOLING: | BATTERY VOLTAGE: |
| INSULATION CLASS: | ENGINE TYPE: |

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| **3.** | **VISUAL INSPECTION** | **YES** | **NO** | **N/A** | **COMMENTS** |
| 1 | The Generating Set has been properly fixed on a common steel section base frame. | [ ]  | [ ]  | [ ]  |  |
| 2 | Protection screens have been provided on all moving parts. | [ ]  | [ ]  | [ ]  |  |
| 3 | The water cooled radiator has been properly fixed and there is no water leakage. | [ ]  | [ ]  | [ ]  |  |
| 4 | The radiator cooling fins and water tank, are in good condition and properly fixed. | [ ]  | [ ]  | [ ]  |  |
| 5 | The engine mounted instrument panel has been fixed properly, including lubrication Oil Temp and Cooling Temp gauges, tachometer and hour meter. | [ ]  | [ ]  | [ ]  |  |
| 6 | The lubrication oil system with replaceable element type filter has been properly fixed. | [ ]  | [ ]  | [ ]  |  |
| 7 | Generator earth cables installed correctly. | [ ]  | [ ]  | [ ]  |  |
| 8 | Generator Winding RTDs cables installed correctly. | [ ]  | [ ]  | [ ]  |  |
| 9 | Oil temperature & oil pressure instrumentation cables installed correctly. | [ ]  | [ ]  | [ ]  |  |
| 10 | Confirm fuel level gauge installed correctly. | [ ]  | [ ]  | [ ]  |  |
| 11 | Starting batteries have been provided and properly installed. | [ ]  | [ ]  | [ ]  |  |
| 12 | The engine exhaust has been properly fixed and covered with asbestos-free insulation. | [ ]  | [ ]  | [ ]  |  |
| 13 | The engine anti-vibration mounting is effective. | [ ]  | [ ]  | [ ]  |  |
| 14 | Effective and adequate earth bonding have been provided for the engine and alternator. | [ ]  | [ ]  | [ ]  |  |

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| **4.** | **INSPECTION CONTROL CUBICLE** | **YES** | **NO** | **N/A** | **COMMENTS** |
|  | Confirm the following devices are provided in the control cubicle. |  |
| 1 | Voltmeter & Selector switch. | [ ]  | [ ]  | [ ]  |  |
| 2 | Ammeter & Selector switch. | [ ]  | [ ]  | [ ]  |  |
| 3 | Frequency meter. | [ ]  | [ ]  | [ ]  |  |
| 4 | Wattmeter. | [ ]  | [ ]  | [ ]  |  |
| 5 | Auto/Off/Manual selector switch. | [ ]  | [ ]  | [ ]  |  |
| 6 | Start/Stop push button. | [ ]  | [ ]  | [ ]  |  |
| 7 | All control wires are fitted with ferrules. | [ ]  | [ ]  | [ ]  |  |
| 8 | On/Off switch for generator anti-condensation element. | [ ]  | [ ]  | [ ]  |  |
| 9 | Indicating lamp & reset button for Engine fault. | [ ]  | [ ]  | [ ]  |  |
| 10 | Indicating lamp & reset button for Failure to start. | [ ]  | [ ]  | [ ]  |  |
| 11 | Indicating lamp & reset button for Generator supply available. | [ ]  | [ ]  | [ ]  |  |
| 12 | Indication lamp for Mains available. | [ ]  | [ ]  | [ ]  |  |
| 13 | Indication lamp for Generator on load. | [ ]  | [ ]  | [ ]  |  |
| 14 | Indication lamp for Load supplied from mains. | [ ]  | [ ]  | [ ]  |  |
| 15 | Indication lamp for low fuel capacity. | [ ]  | [ ]  | [ ]  |  |
| 16 | Automatic 2 rate battery charging equipment c/w charging rate ammeter. | [ ]  | [ ]  | [ ]  |  |
| 17 | Simulate “mains failure” key switch. | [ ]  | [ ]  | [ ]  |  |

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| **5. REMARKS / REMEDIAL ACTIONS** |
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| **6. SIGNOFFS** |  |
| NAME (PRINT) | COMPANY / ROLE | SIGNATURE | DATE |
| NAME (PRINT) | COMPANY / ROLE | SIGNATURE | DATE |
| NAME (PRINT) | COMPANY / ROLE | SIGNATURE | DATE |