|  |  |  |
| --- | --- | --- |
|  |  | Date: |
|  |  | XXXX |
|  |  |  |
|  |  | Enquiries: |
|  |  | Tel +27 XX XXX XXXX |
|  |  |  |

Dear

**CONFIRMATION OF ADHERENCE TO TESTING AND STANDARDS FOR SOLAR PV AND BESS INSTALLATION**

We hereby confirm that the PV panels proposed by for the Installation of Household Solar PV Solutions at eNkovukeni Village fully comply with the following type tests and standards.

1. **Compliance with Type Tests:**
   1. IEC 61215 Ed. 2
      1. Visual inspection
      2. Insulation test
      3. Measurement of temperature coefficients
      4. Measurement of nominal operating cell temperature (NOCT)
      5. Performance at STC and NOCT
      6. Performance at low irradiance
      7. Outdoor exposure test
      8. Hot-spot endurance test
      9. UV preconditioning test
      10. Thermal cycling test
      11. Humidity-freeze test
      12. Damp-heat test
      13. Robustness of terminations test
      14. Wet leakage current test
      15. Mechanical load test
      16. Hail test
      17. Bypass diode thermal test

The proposed PV panels have undergone the specified type tests to confirm their compliance with IEC 61215 Ed. 2 – should type test certificates be required, Eskom will have access to these documents through the respective product OEM, provided by .

**2. Compliance with Standards:**

1. IEC 61215 – Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
2. IEC 61730 – Photovoltaic (PV) module safety class II qualification
3. IEC 61701 – Salt mist corrosion testing of photovoltaic (PV) modules
4. Potential Induced Degradation (PID) free tested

The adherence to these standards ensures a high level of system integrity, safety, and performance.

Should you require further information or documentation regarding these tests and standards, please do not hesitate to contact us.

Yours sincerely,

­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_