**Reception Form for Technical Inspection of ON-Grid Solar Inverter**

|  |  |  |
| --- | --- | --- |
| Manufacturer’s Name |  | |
| Manufacturer’s Address | Mailing: | |
|  | Email: | |
|  | Website: | |
| Local Supplier |  | |
| Local Supplier's Address | Mailing: | |
|  | Email: | |
|  | Tel: | |
| Inverter Installed Company Full Name & Address | Name: | |
|  | Address: | |
| DCS of NEA (Location) |  | |
| Manufactured | Imported, if imported then  With exclusive dealership and imported from ……………..  Without exclusive dealership and imported from ………….  Locally purchased from …………………  (Submit evidence for exclusive dealership and specify company name and address of delivery) | |
| Brand / Model |  | |
| Serial No. |  | |
| Type of Inverter | Off- Grid  On- Grid | |
| Total Number of Inverters |  | |
| Total Number of Strings/MPPTs  Used | Inverter1: | Inverter2: |
|  | Inverter3: | Inverter4: |
|  | Inverter5: | Inverter6: |
| Total Number of PV Modules: | …… No.s of …..Wp PV Modules Connected | |
| Input voltage range | From ….V DC  To ….V DC | |
| Output voltage | From ….V AC  To ….V AC | |
| Inverter Efficiency at rated resistive load | % | |
| Output frequency | Hz | |
| Total harmonic distortion (THD) | % | |
| Nominal power | W      VA | |
| Maximum Input Current | A(DC) | |
| Maximum load current | A(AC) | |
| Power factor | 0.8  1.0  Other: | |
| Anti-islanding | Yes  No | |
| Built-in indicators | Charging  ……….  Other: ……………. | |
| Protection against | Short circuit on output terminals  Reverse polarity on DC input terminals  Overload, over temperature  Other: ……………………… | |
| Operating temperature | Minimum     °C Maximum:      °C | |
| AC Charging | Yes  No | |
| Temperature compensation | Yes (       mV/°C/cell)  No | |
| Application | Indoor only  Indoor and outdoor | |
| Audible noise produced by inverter | dB at a distance of      meters | |
| Warranty Years | Years | |
| Additional description |  | |
| International Standards fulfilled  (IEC, ISO, Others) |  | |

Name: Company Stamp:

Designation:

Signature: Date: