



WINDTURBINE INSTALLATION REPORT

**Stone House Farm, The Street, Ovington, THETFORD.
IP25 6RT**

11th April 2013

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NAPIT Inspections Ltd will carry out independent technical and quality assurance inspections / audits on certificated members and for complaint driven consumer requests on behalf of NAPIT Registration Ltd.

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1 INSPECTOR / AUDITOR

NAME: ROBERT FINNEY

POSITION: Field Officer

RECOGNISED RELEVANT NATIONAL QUALIFICATIONS:

C&G 2391 Test and Inspection

C&G 2382 17th Edition wiring regulations

ONC Electrical and electronics Theory

C&G 2360 Electrical installation work

ECO SKIES Wind turbines

2 DECLARATION (only Applicable to court/legal proceedings)

In accordance with Part 35 of the Civil Procedure Rules 1999 published by the Lord Chancellor's Department, I make the following declaration:

- A. I understand that my overriding duty is to the Court, both in preparing this report and in giving evidence.
- B. I have not included anything in the report that has been suggested to me by anyone, including the lawyers instructing me, without forming my own independent view of the matter.
- C. At the time of signing this report, I consider it complete and accurate. I will notify those instructing me if, for any reason, I subsequently consider that the report requires any correction or qualification.
- D. In the event that this report is submitted to a Court of British Law I understand that its contents will be the evidence I will give under oath, subject to any correction or qualification I may make before swearing its veracity.
- E. I believe the facts I have stated in this report are true and that the opinions I have expressed are correct.

3 SCOPE

The scope of this report includes a visual inspection of the wind turbine installation for compliance to MIS3003 only.

4 DESCRIPTION OF WORK / CONTRACT

A complaint has been received about the installation of a Bergey Excel 10KW wind turbine on a 20 metre tower. The installation appears to be suffering from an acoustic problem and a site visit to confirm the installation complies with MIS3002 has been requested.

5 FINDINGS

5.1

A site visit was carried out to confirm that the Wind Turbine installed conformed to the requirements of the MIS3003 Standard.

The BERGEY Turbine has an acoustic problem and is unusable at this time.

SIAC (Bergey Distributors) engineers were present at the commissioning stage and have since been back to site and replaced various parts in order to resolve the issue, but have been unable to do so up to now. Their conclusion was to state that the Wind Turbine has not been sited in accordance with the requirements of MIS 3003.

I have re-assessed the installation to MIS 3003 and in particular to Section 4.3.2 of MIS 3003 (Acoustic Performance Estimate) with Mr Birt and Mr Houston (PV FIT) and found all the information required to comply with the clause to be in place. The installation is fully compliant with MIS3003.

The siting of this Class 1 Wind Turbine was assessed by Mr Houston who has ECO training for wind turbines. It is positioned 78m from and to the north of any buildings. The site assessment for the Wind Turbine installation carried out by NAPIT on the 23/08/2012 had also found no Non Conformities with any work carried out for the installation.

Signed: R.Finney

Date: 18/04/2013