

TEST REPORT



REPORT NO.:CTNT2412130220201R

Product name: ceiling fan

Model No.: FD-2528

Applicant: Shenzhen Fande Smarter Technology Co., Ltd

Test procedure: Entrustment Test

Shenzhen CTNT Testing Technology Co., Ltd.



| TEST REPORT 10 CFR 430.32(s)(1). (10 CFR 430.23(w).) | |
|--|---|
| Report Number. : CTNT2412130220201R Date of issue : Dec.26, 2024 | |
| Name of Testing Laboratory preparing the Report : | Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com |
| Applicant's name : | Shenzhen Fande Smarter Technology Co., Ltd |
| Address : | 2701, Block G, Building 2, Yueshan Lake, No. 88 Kangle Road, Yijin Community, Henggang Street Longgang District, Shenzhen 518000 Guangdong Province CN |
| Test specification: Standard : 10 CFR 430.32(s)(1). (10 CFR 430.23(w).) Test procedure : <input checked="" type="checkbox"/> DOE: Appendix U to Subpart B of Part 430 - Uniform Test Method for Measuring the Energy Consumption of Ceiling Fans Non-standard test method : N/A | |
| Test Report Form No. : DOE-CCF Test Report Form(s) Originator : 1.0 Master TRF : CTNT | |
| General disclaimer: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report. | |
| Test item description : | ceiling fan |
| Model/Type reference : | FD-2528 |
| Trade Mark : | N/A |
| Manufacturer : | Shenzhen Fande Smarter Technology Co., Ltd |
| Address : | 2701, Block G, Building 2, Yueshan Lake, No. 88 Kangle Road, Yijin Community, Henggang Street Longgang District, Shenzhen 518000 Guangdong Province CN |
| Ratings : | 120V~ 60Hz 22W |

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| Responsible Testing Laboratory (as applicable), testing procedure and testing location(s): | | |
| Laboratory Name | Shenzhen CTNT Testing Technology Co., Ltd. | |
| Testing location/ address | Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China | |
| Tested by(Test Engineer) | George Tian | <i>George Tian</i> |
| Reviewed By(Supervisor)..... | Oliver Long | <i>Oliver Long</i> |
| Approved by(Chief Engineer) | Flight Lee | <i>Flight Lee</i> |
| Summary of testing: | | |
| Tests performed (name of test and test clause): Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. A representative sample of the product covered by this report has been tested and Ceiling fan efficiency complies with the requirements of the 10 CFR 430.32(s)(1) and § 1605.1. | Testing location: Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@cntn-cert.com Web: www.cntn-cert.com | |
| General conditions for measurements: | | |
| 1.Test Room The tests shall be carried out in a room that has an air speed close to the appliance under test of ≤ 0.5 m/s. The ambient temperature shall be maintained at $70^{\circ}\text{F} \pm 5.0^{\circ}\text{F}$, $50\%\text{RH} \pm 5\%\text{RH}$ throughout the test. | | |
| 2.Power supply Where this standard is referenced by an external standard or regulation that specifies a test voltage and frequency, the test voltage and frequency so defined shall be used for all tests. Where the test voltage and frequency are not defined by an external standard, the test voltage and the test frequency shall be the nominal voltage and the nominal frequency of the country for which the measurement is being determined $\pm 1\%$. | | |
| 3. Supply voltage waveform The total harmonic content of the supply voltage when supplying the appliance under test in the specified mode shall not exceed 2% ; harmonic content is defined as the root-mean-square (r.m.s.) summation of the individual components using the fundamental as 100% . | | |
| 4. Power measurement accuracy Precision measurement of energy consumption shall be made with a precision equal to the greater of 0.1 Watt-hour or 1% of full-scale measurement. | | |

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