Certificate of Testing

Serial Number: 12511CC01A

FT Technologies Limited
Church Lane
Teddington
Middlesex
TW11 8PA

Client's Order Number: P16265
Works Order Number: 12511-02
Date of Test: 19th to 21st April 2010

Attn.: Mr. Olivier Hus

Specimens:

	1 off	FT702LT Wind Sensor
	Serial No.:	2870-001
	Part No.:	22
	TRaC Stores No.:	24444
	Receipt Date:	19th April 2010

Specification: Wind Blown Sand and Dust Test
Tested in accordance with DEF STAN 00-35, Issue 4, Part 4, Chapter 3-25, Test CL25

Dust Test

Test Medium:	Silica Flour up to 150 micrometres
Air Velocity:	29m/s
Concentration:	1.1g/m^3
Temperature:	25°C ± 5°C
Duration:	3 hours in the most vulnerable direction

Sand Test

Test Medium:	Sand in accordance with Section 5.2.2 of the test specification
Air Velocity:	29m/s
Concentration:	1.1g/m^3
Temperature:	25°C ± 5°C
Duration:	3 hours in the most vulnerable direction

TEST ENGINEER ..... Q.A. APPROVAL .....

D. Wheatley — D.K.Morris – Chief Test Engineer

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UKAS TESTING
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Issue Date: 7th July 2010

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Procedure: Prior to test, a plane perpendicular to the air flow was calibrated using a hot wire anemometer to ensure that the specified air velocity was being achieved. Once the air velocity had been verified the required Dust/Sand feed rate was calibrated based on the volumetric flow rate used during the velocity calibration.

The specimen was attached to a support framework inside the test chamber positioned at the correct distance from the air outlet obtained during the air velocity calibration. A representative of the customer then connected the specimen under test to function test equipment located external to the test chamber. A single platinum resistance thermometer was attached to the support framework adjacent to the specimen to record the ambient air temperature during the test.

The specimen was placed in an operational state by the customer and its operation was continuously logged by the customer's laptop. The specimen was then tested in accordance with the specification and on completion of the test the specimen was visually inspected for any conspicuous signs of external damage or degradation.

Results: The specimen completed the test with no conspicuous signs of external damage or degradation and the customer reported that the specimen had operated correctly throughout the test.