

ACTI CORPORATION

7F., No.1, Alley 20, Lane 407, Sec. 2, Tiding Blvd., Neihu District, Taipei 114, Taiwan, R.O.C.

TEST REPORT

SCOPE OF WORKs

Powerful Jetting Test-IPX6
Dust Test - IP6X

REPORT NUMBER

250400014TPE-001

ISSUE DATE

7-April-2025

SAMPLE RECEIVED DATE

25-March-2025

TEST DATE

26-March-2025 to 27-March-2025

PAGES

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Intertek Testing Services Taiwan
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TEST REPORT FOR ACTI CORPORATION

Report No.: 250400014TPE-001

Date: April, 7, 2025

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PRODUCT / MODEL

Outdoor Speed Dome with D/N / Z957

OBJECTIVE

Observe the sample and record for any different during and after the test.

Reviewed by:

Ben Wu

Tested by:

Scott Bai

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Date: April, 7, 2025

SECTION 1

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SECTION 2

OBJECTIVE

Powerful Jetting Test-IPX6 – With reference to IEC/EN 60529 IPX6
Dust Test-IP6X – With reference to IEC/EN 60529 IP6X

SECTION 3

PARAMETERS

The following parameters are controlled

VALUE	UNITS	METHOD	MU
pressure	mbar	Chamber	95%

SECTION 4

SAMPLE ACQUISITION

Provided by the applicant.

Date: April, 7, 2025

SECTION 5
EQUIPMENT LIST

#	EQUIPMENT DESCRIPTION	MANUFACTURER'S NAME / MODEL #	INTERTEK ASSET #	CALIBRATION DATE	CALIBRATION DUE
1	Dust Degree Test System	PTL / P14.41	EC0109	Jul. 1, 2024	May. 30, 2025

Testing was conducted at:
Intertek Testing Services Taiwan Ltd., 5F, No. 423 Ruiguang Rd., Neihu Dist., Taipei 11492, Taiwan

SECTION 6
Powerful Jetting Test-IPX6 – DATA SHEET

Laboratory Ambiance Condition:

Temperature : 15 ~ 35 °C

Humidity : 25 ~ 75 %RH

Peripheral Setup Diagram:

-Sample size: 1 unit

-Sample photo before the test:



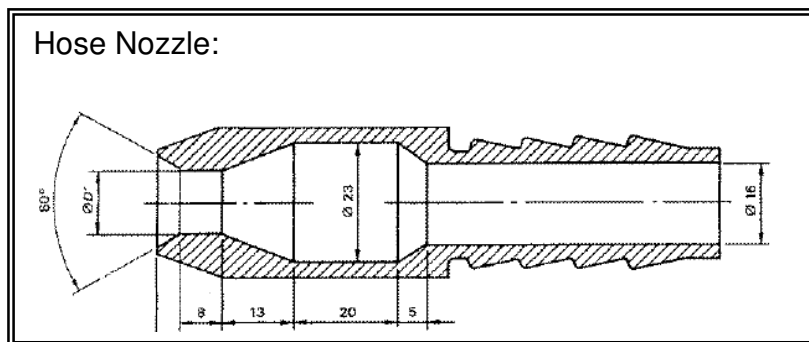
Date: April, 7, 2025

-Setup photo:



Test Condition:

- Test face: front side
- Non-operating test
- Internal Diameter of the Nozzle: 12.5 mm
- Delivery rate: 100 liter/minute
- Pressure: to be adjusted to achieve the specified delivery rate.
- Core of the substantial stream: Circle of approximately 120 mm diameter at 2.5 meters distance from nozzle.
- Test duration: 3 minutes
- Distance from nozzle to enclosure surface: 2.5 ~ 3 meters



Test Procedure:

- Check the sample's appearance before the test.
- Put the sample into the chamber and setup testing condition.
- After testing, take out sample from chamber and put it in the storage area.
- Observe the sample and record for any visible change after testing.

Summary:

-Checking of sample inside after the test was conducted by the applicant per applicant's request.
No water penetrated into the tested sample.

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-Sample photo after the test:



Date: April, 7, 2025

Dust Test - IP6X – DATA SHEET

Laboratory Ambiance Condition:

Temperature : 15 ~ 35 °C

Humidity : 25 ~ 75 %RH

Peripheral Setup Diagram:

-Sample size: 1 unit

-Sample photo before the test:



-Setup photo:



Test Condition:

-Talcum powder size: < 0.075 mm

-The amount of talcum powder: 2 kg per cubic meter

-Under pressure: 20 mbar

-Test duration: 8 hours

Test Procedure:

-Check the sample's appearance before the test.

-Install the sample to the chamber and setup testing condition.

-After testing, take out sample from the chamber.

-Observe the sample and record for any visible change after testing.

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Summary:

-Checking for the inside of tested sample after testing is conducted by the applicant per applicant's request.

No dust penetrated into tested sample.

-Sample photo after the test:

