

TEST CERTIFICATE

CLIENT: Drhino Ltd
4 Dalton Grove
Bawtry
Doncaster
DN10 6XS

CERTIFICATE NUMBER 17980/01 Issue 2

CUSTOMER ORDER NUMBER Tony Fuller

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DATE OF RECEIPT

03 September 2018

TEST ITEM(S)

Description	Serial N°	Model N°	PTL ID
Drhino Cabinet	D-Type	2301581	25325

TEST SPECIFICATION / ISSUE

BS EN 60529:1992 +A2:2013 IP66 Category 1

DATES OF TEST

Dust 03 September 2018
Water 04 September 2018

TEST(S) APPLIED

Protection Against Solid Foreign Objects, Dust-Tight

Initially all the unit was examined for apertures and openings allowing penetration of a 1mm diameter probe applied with a force of 1N.

Prior to testing the Drhino Cabinet had a vacuum of 19.9 mbar applied to the unit, the airflow rate was measurable at 3.1Lt/min this equated to 1.6vol/hour and therefore required an 8 hour test period. The test conditions were as follows:

Dust Grade: BS EN 60529 Talc Test Dust
Concentration: 2 kg/m³
Duration: 8 hrs
Temperature/Humidity: 21.0 °C / 43% rh

TEST(S) APPLIED

Protection Against Powerful Water Jets

The Drhino Cabinet was placed into the centre of the water test area, it was then allowed to temperature stabilise until the temperature differential between the water and the unit was less than 5°C. The unit was then subjected to water from all practicable directions. The test conditions were as follows:

Flow rate: 100 l/min
Nozzle: IPX6 compliant (12.5 mm)
Duration: 3 minutes
Temperature/Humidity: 17.9°C / 62% rh

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RESULT(S) OF TEST

IP6X

There were no apertures or openings on any of the samples permitting entry with a 1mm diameter probe when applying a force of 1N.

On completion of the dust test excess dust was removed by light brushing to allow inspection; no conspicuous damage was noticed on the exterior of the unit.

The Drhino Cabinet was opened for inspection; there was no visible dust ingress into the enclosure.

RESULT(S) OF TEST

IPX6

On completion of the water test excess water was removed before opening the case for inspection. An internal inspection revealed no visible water ingress into the Drhino Cabinet Enclosure.

COMPLIANCE

The Drhino Cabinet conforms to the standard required by BS EN 60529:1992 + A2:2013 IP66 Category 1.

Approved by
Tom Jackson
QHS Manager



Date: 05 October 2018