



Technical Report No. 704201687605-00

Applicant : H.P.S FENCE SUPPLIER CO.,LTD
Address: D406,No.11,Xiyuan 8th Road, West Lake
Science&Techonlogy Park Hangzhou,China,310030

Attn : Mr. Wang Dong

Manufacture : H.P.S FENCE SUPPLIER CO.,LTD
Address: D406,No.11,Xiyuan 8th Road, West Lake
Science&Techonlogy Park Hangzhou,China,310030

Attn : Mr. Wang Dong

Trade mark : HPS FENCE

Type of equipment : Energizer

Model/type : HPS050, HPS100, HPS200

Test Specifications : IEC 60529:2001

Documentation submitted : N/A

Issued by: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

Start Date : 2016-08-17

Sample size : 1 Pc (HPS200)

Purpose of examination : IPX6 test

Results : Pass

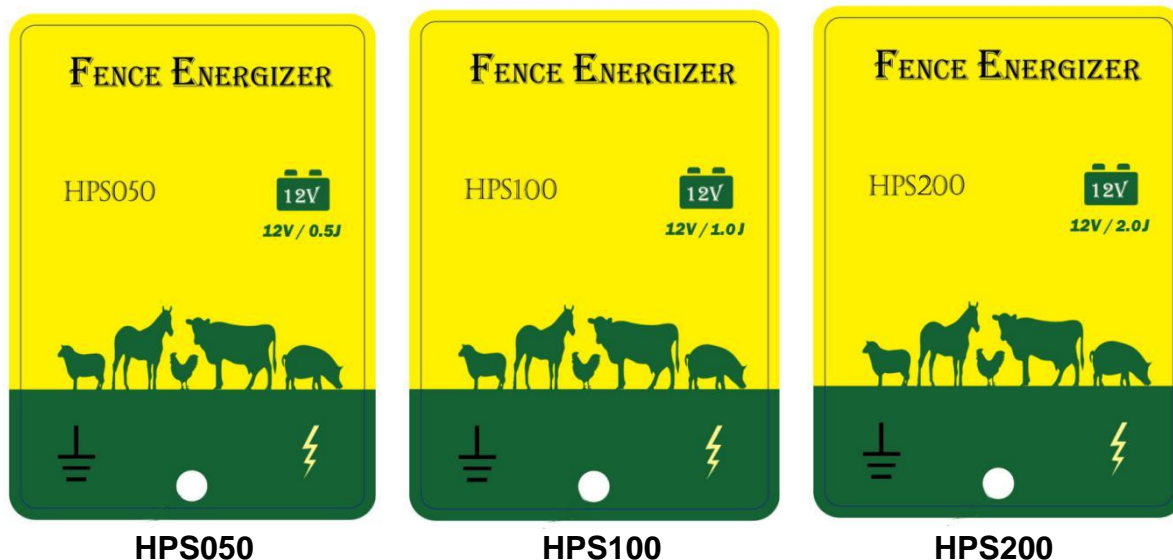
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1. Description of the equipment:

Rated voltage	:	12Vdc
Rated current	:	HPS200: 0.18A-0.28A HPS050: 0.05A-0.068A HPS100: 0.10A-0.15A
Construction	:	Portable
Protection class	:	III
Degree of protection against ingress of liquids	:	IPX6
Rated operation	:	Continuous

2. Rating label:



3. Deviations:

N/A

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4. Remarks:

Model HPS050, HPS100 and HPS200 have identical enclosure.
The IPX6 test was performance on HPS200

Material of critical components.

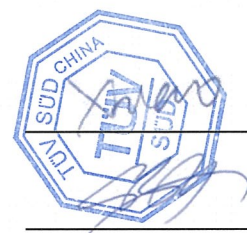
Component	Location	Manufacture	Model	Parameter
Waterproof glue	Edge of two separated enclosure	H.P.S FENCE SUPPLIER CO.,LTD	SANO	Silica gel

Test results see Safety Aspects.

Performed By : Yanqin XIAO

Reviewed and Approved By : Shanshan HUANG

Date of issue : 2016-10-26



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Safety Aspects

Standards : IEC 60529:2001

Selected sub-clause s from	Checked points	Requirement	Pass / Fail/Not application	Remark
Clause 14	IPX6	Water jet hose nozzle is 12,5mm diameter, distance is 2,5m to 3m. The water flow rate is 100l/min $\pm 5\%$. The duration of the test is at least 3min with 1min/m ² .	Pass	No water entered into enclosure.

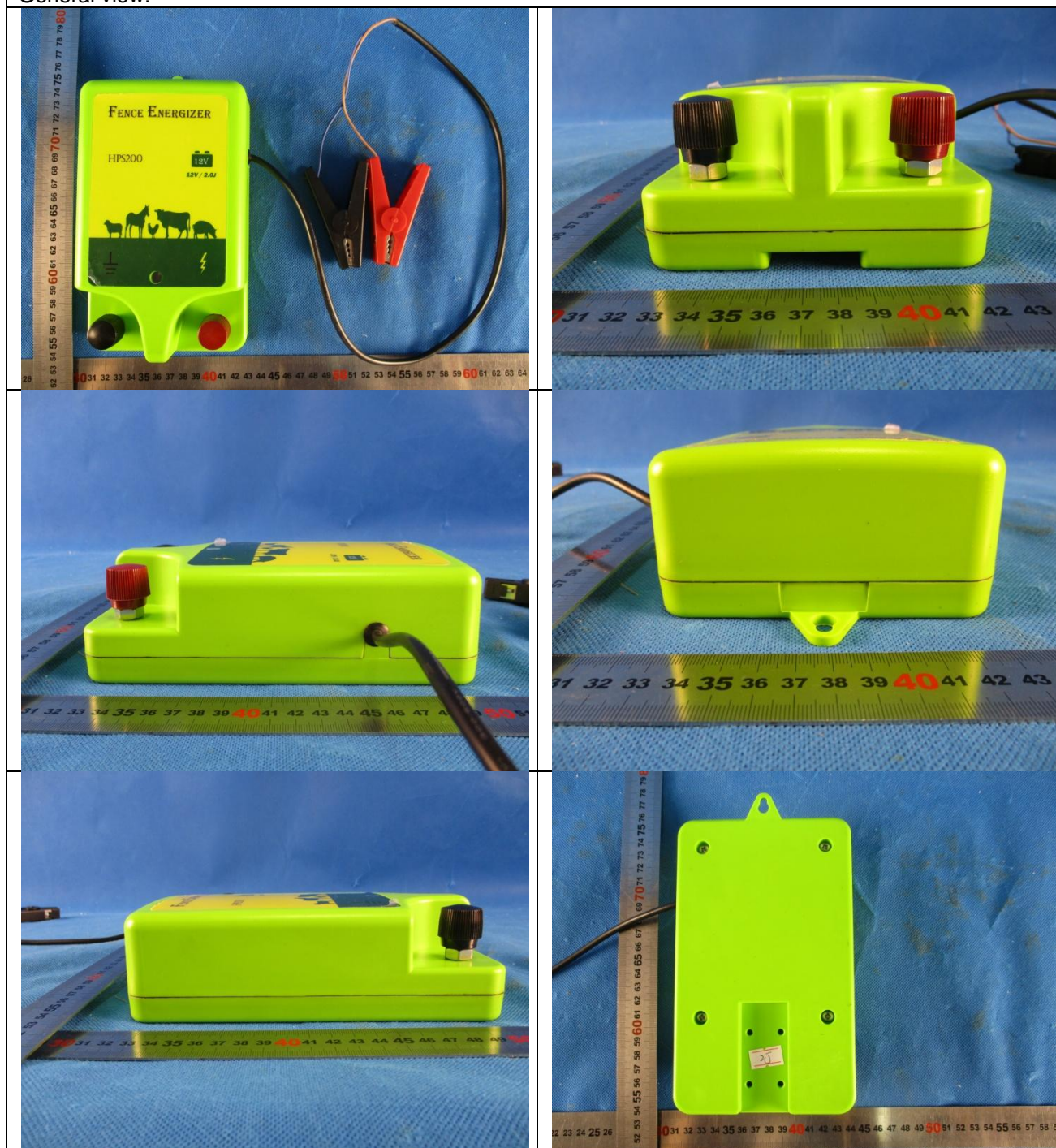
Equipment list

No.	Type	Manufacture	Model	Equipment ID	Next Calibration
368	IPX5-6	Xinghe (Guangzhou)	SH8104	S0712368-YQ	May-18-2017
371	Water Supply Sation for IP Test	Xinghe (Guangzhou)	SH8109B	S0712371-YQ	May-18-2017

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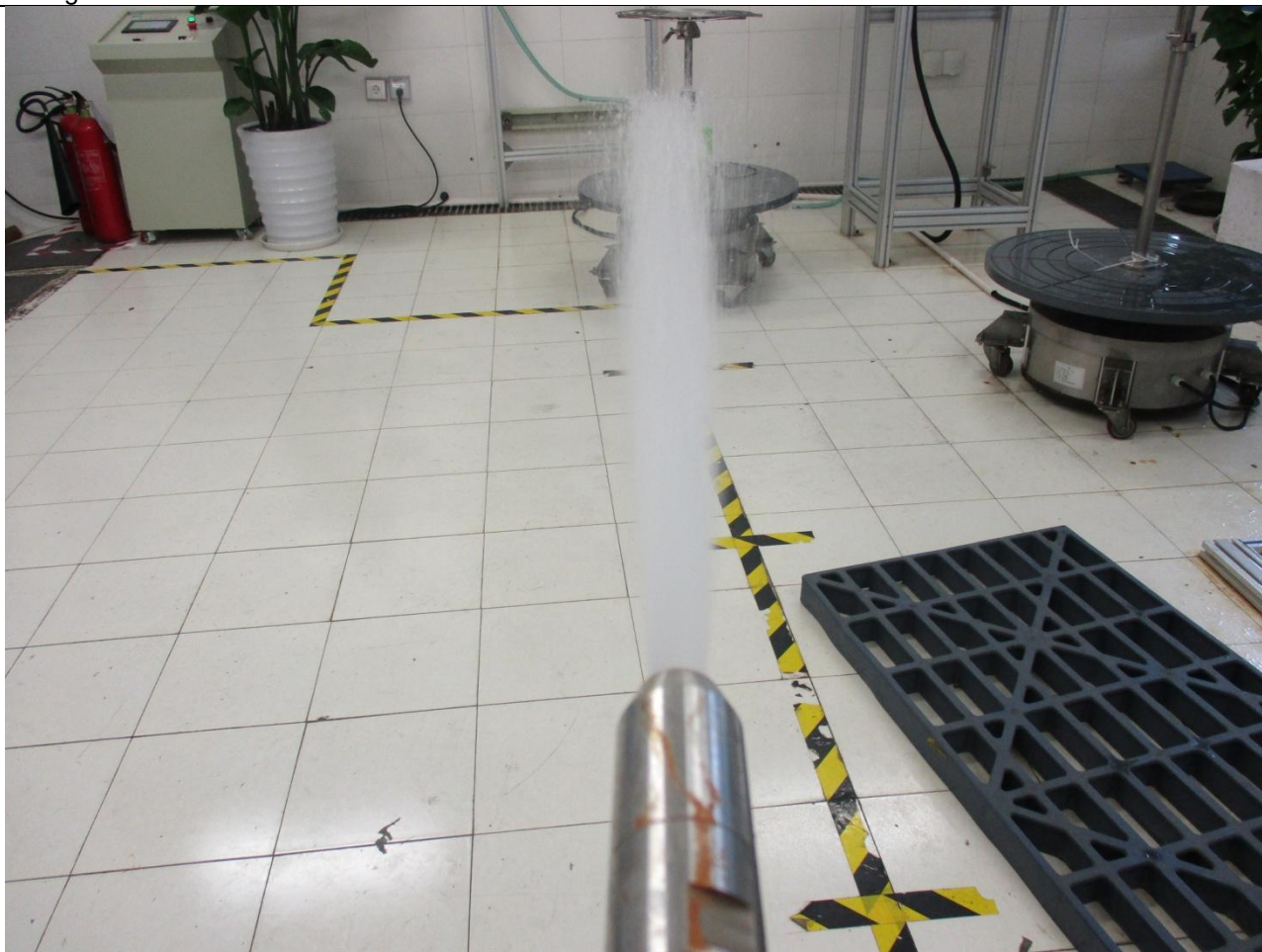
Attachment No.1 Photos

General view:

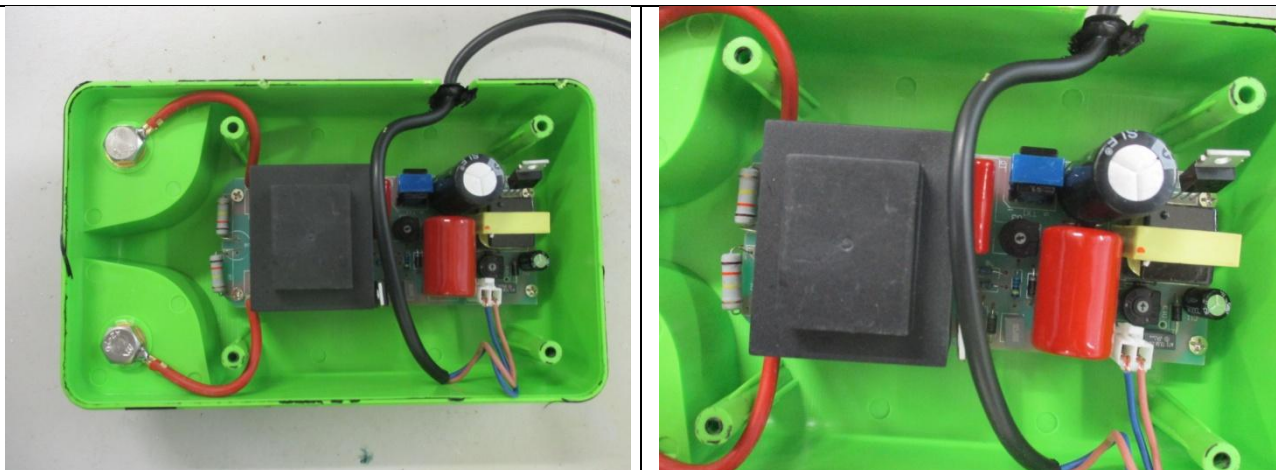


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During Test:



After test



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