

LQF-510-02

# TEST REPORT

No. 1759

**Project No.:** TI-0893- I60529

**Test Report for:** Compact Panel

**Manufactured by:** Tabesh Tablo Shargh Co.(T.T.SH)

**Tested according to:** IEC 60529

**Karaj, 02-14-2011**

**No. of pages**

6

**Issue date**

02-14-2011

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**M. Mirfallah**

**Verified:** Test & Inspection Manager

**S. M. Dezfulian**

**Approved:** Engineering Deputy of Test and Inspection

(Representative of Amirkabir University of Technology)

**Prof. B. Vahidi**

This test report does not include an assessment of the manufacturer's production.  
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شماره آزمایشگاهی صنایع ۱۸۶  
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نوعیت: آزمایشگاه  
(محدود دامنه)

## 1. GENERAL INFORMATION

### 1.1 Product Information

Equipment under test	: Compact Panel
Rated Voltage	: 20 kV
Number of Cell	: 3 Cell
S/N	: 9328
Dimension	: 920* 1670*(3*500) mm
Type of Switch	: electromeccanica S.P.A
SF <sub>6</sub> Load Break Switch	: I <sub>r</sub> : 630 A, I <sub>k</sub> /t <sub>k</sub> : 16 KA/S, U <sub>r</sub> : 24 kV, P <sub>r</sub> : 130 kPa, I <sub>ma</sub> : 40 kA
SF <sub>6</sub> earthing Switch	: I <sub>k</sub> /t <sub>k</sub> : 16 KA/S, I <sub>ma</sub> : 40 KA
Normative document	: IEC 60529

### 1.2 Client Information

Applicant	: Tabesh Tablo Shargh Co.
Contact person	: Mr. Rajabi
Telephone	: +98 292 3425211

### 1.3 Summary of Tests

IP4X	: Passed
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### 1.4 Results of Tests

See pages 4

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## 2 PERFORMANCE AND RESULTS OF TESTS

### 2.1 IP4X, Test for Protection Against Solid Foreign Object

#### 2.1.1 Test data

Location	: E.P.I.L
Date	: 02-12-2011
Engineer of EPIL	: Mrs. Mirfallah
Normative Document	: IEC 60529

#### 2.1.2 Ambient conditions

Ambient Temperature	: 16 °C
Relative Humidity	: 40 %
Atmospheric Pressure	: 86 kPa

#### 2.1.3 Procedure of test

The object probe is pushed against any openings of the enclosure with the force  $1 \pm 10\%N$

#### 2.1.4 Results of tests

The protection is satisfactory if diameter of the probe does not pass through any opening.  
The test was done according to IEC60529 and it passed the test.

✓ **PASSED**

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1381/12/02



### 3 Figure



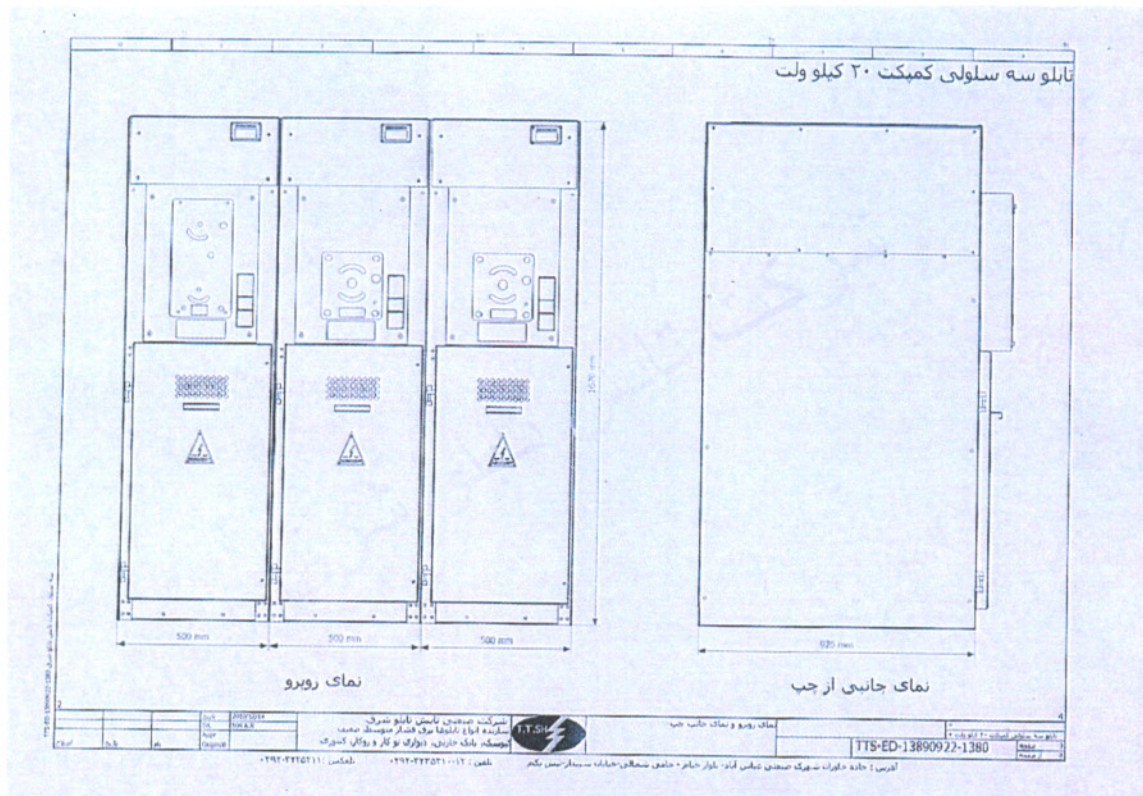
Figure 1 – EUT Under IP4X

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موضوع: صنایع برق  
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## Annex



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