

Izvešće o ispitivanju br.  
Test Report No.

16 TR 0040

Predmet ispitivanja: **Enclosure with probe**  
Subject of testing:

Tipna oznaka: **Integral Flo-Tel xd**  
Type identification:

Proizvođač: **ELFAB LTD., Alder road, North shields, Tyne & Wear, NE29 8SD,**  
Manufacturer: **England**

Podnositelj zahtjeva: **ELFAB LTD., Alder road, North shields, Tyne & Wear, NE29 8SD,**  
Applicant: **England**

**Rezultati ispitivanja odnose se samo na ispitani uzorak.**  
**The test results reported are relevant only for the tested sample(s).**

Ovo izvješće ima 3 stranica i - stranica priloga.  
This report comprises 3 pages and - pages of appendices.

**Ovo izvješće o ispitivanju može se umnažati samo u cijelosti i bez izmjena,**  
**uključujući i priloge.**

**This test report may only be reproduced in its entirety and without any change,**  
**appendices included.**

Broj posla / Job Id. No.: **PB.16.TI.353/SS**

Datum izrade: **26.04.2016**  
Date of issue:

Voditelj laboratorija:  
Head of laboratory:



**M. Mačković, mag.ing.univ.spec.mech.**



**1 Standards applied:**

HRN EN 60529-0:2000/A1:2008 EN 60529:1991/A1:2000 IEC 60529:1989/am1:1999 Ed. 2.0

**2 Description and identification of sample(s) submitted for test:**

Sample identification	No. of pcs	Sample description	Remark
Integral Flo-Tel xd	1	Enclosure with probe prepared for testing, drawing no. 05/01/08773 SHT1	-

Note 1: Samples are recorded in the main samples receipt book PQI-C-106, book No. (year): 2016, as follows: 33 dated 20.04.2016.

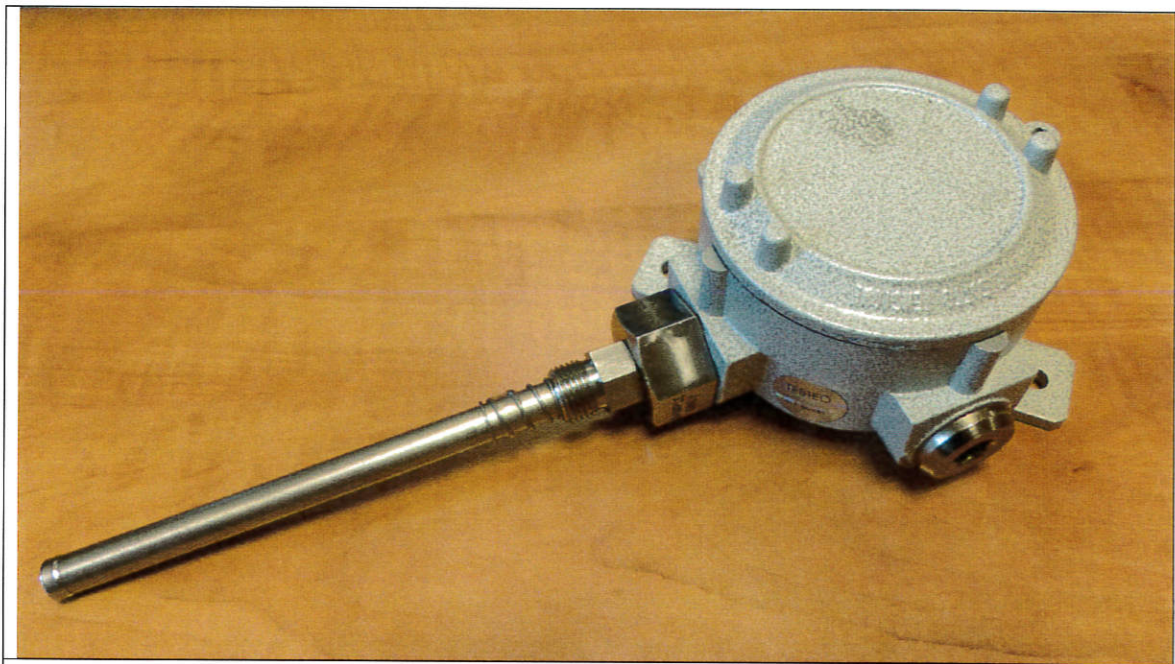


Photo no.1: Tested sample Integral Flo-Tel xd

**Order of tests was as follows:**

Test No.	Standard reference	Clause	Title	Sample(s) tested
1	IEC 60529	13.4	<i>Tests for protection against solid foreign objects indicated by the first characteristic numeral 6</i>	Integral Flo-Tel xd
2	IEC 60529	14.2.6	<i>Tests for protection against water indicated by the second characteristic numeral 6</i>	Integral Flo-Tel xd



**4 Tests:**
**4.1 Standard IEC 60529:1989/am1:1999 Ed. 2.0; Clause 13 Tests for protection against solid foreign objects indicated by the first characteristic numeral;**

Tested sample	IP degree	Internal volume [dm <sup>3</sup> ]	Category (IEC60529)	Depression [kPa]	Extraction rate [V/h]	Test duration [h]	Result
<b>Integral Flo-Tel xd</b>	<b>IP 6x</b>	<b>0,25</b>	<b>1</b>	<b>&lt; 2</b>	<b>&lt; 60</b>	<b>3</b>	<b>PASS</b>

Test equipment used: Dust test chamber, Id. No.: 185  
 Digital pressure gauge, Id. No.: 222  
 Stop-watch, Id. No.: 168  
 Date of test: **22.04.2016.**

Calibrated till: N/A  
 06.2017.  
 N/A

**Note :** No dust was observed inside the sample after the test.

**4.2 Standard IEC 60529:1989/am1:1999 Ed. 2.0; Clause 14 Tests for protection against water indicated by the second characteristic numeral;**

Tested sample	IP degree	Flow [dm <sup>3</sup> /min]	Depth of immersion [m]	Test chamber pressure [kPa]	Test duration [min]	Result
<b>Integral Flo-Tel xd</b>	<b>IP x6</b>	<b>100</b>	<b>N/A</b>	<b>N/A</b>	<b>3</b>	<b>PASS</b>

Test equipment used: Flow meter, Id. No.: 187  
 Jet nozzle, Id. No.: 197  
 Stop-watch, Id. No.: 168  
 Date of test: **21.04.2016.**

Calibrated till: 10.2016.  
 N/A  
 N/A

**Note :** No water was observed inside the sample after the test.

**Tested by:**

S. Sertic, dipl.ing.el.



S. Peretin, mag.ing.mech.

