

**Statement for issuing a co-certificate**

<b>Report-No.:</b>	968/EZ 463.01/14
<b>Date:</b>	2014-04-22
<b>Pages:</b>	3
<b>Type of approved and certified product:</b>	Flame detectors series
<b>Type designation:</b>	Sharpeye 40/40
<b>Type designation at the co-certificate applicant:</b>	Model 3600 - R, I, M, UB, LB, L4B (see cross-reference list)
<b>Co-certificate applicant:</b>	Sierra Monitor Corporation 1991 Tarob Court Milpitas, CA 95035 United States of America
<b>Manufacturer/ original certificate holder:</b>	Spectrex Inc. 218 Little Falls Road 1 Cedar Grove NJ 07009 United States of America
<b>Customer-Order-No./Date:</b>	66540 dated 2014-04-08
<b>Test Institute:</b>	TÜV Rheinland Industrie Service GmbH Automation - Functional Safety Alboinstrasse 56 12103 Berlin Germany
<b>TÜV-Offer-No./Date:</b>	8274707 dated 2014-04-02
<b>TÜV-Order-No./Date:</b>	124396652 dated 2014-04-16
<b>Inspector:</b>	Dipl.-Ing. Jürgen Lietzow

The test results are exclusively related to the test samples.

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**1. Scope**

This document shall serve as the basis for the issue of an additional certificate for the co-certificate applicant stated on the front page.

The manufacturer / original certificate holder *Spectrex Inc.* and the co-certificate applicant *Sierra Monitor Corporation* have declared, that the previously type approved and certified product of the manufacturer and the product, which is sold by the co-certificate applicant under his own trade name and/or type designation are technically identical.

The products in question are specified on the front page.

**2. Standards forming the basis for the requirements**

**/N 1/ IEC 61508 Part 1 - 7:2010**

Functional safety of electrical/electronic/programmable electronic safety-related systems

**/N 2/ EN 54-10:2002 and EN 54-10/A1:2005**

Fire detection and fire alarm systems - Part 10: Flame detectors - Point detectors

**/N 3/ EN 50130-4:2011**

Alarm systems - Part 4: Electromagnetic compatibility -  
Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

**/N 4/ SN 29500:2004-2010**

Failure rates of components

**3. Identification of the test object**

**3.1. Technical data**

According to declarations of the manufacturer and the co-certificate applicant the products identified on the front page are technically identical.

Both partners also confirmed that all safety relevant information printed in the user manual and on the product are equal in content.

**3.2. Documents**

The following documents have been provided:

- Joint declaration from both partners that original and OEM product are technically identical and correspond to the inspected original product, dated 2014-04-03
- Cross Reference list between original device and co-certified device, dated 2010-08-04
- Installation and Operating Manual of the OEM product, dated August 2010
- Declaration of the OEM that the user documentation is content identical to what has been inspected by the Test Institute, dated. 2014-04-03
- Copy of the OEM product label, dated 2010-08-05

**3.3. Previous test reports and certificates of the original product**

	Report-No.	Date	Certificate	Date
[R1]	968/EZ 348.00/09	2009-02-27	968/EZ 348.00/09	2009-02-27
[R2]	968/EZ 348.01/12	2012-07-02	968/EZ 348.01/12	2012-07-02

### 3.4. Previous test reports and certificates of the brand-label product

	Report-No.	Date	Certificate	Date
[R3]	968/EZ 463.00/10	2010-09-27	968/EZ 463.00/10	2010-09-27

### 4. Statement of the Test Institute

As the products identified on the front page are technically identical in the relevant parts, the results of the type approval of the original product, which are documented in the above listed previous test reports, are also valid for the product of the co-certificate applicant.

The test results apply to the original product as well as to the brand-label product of the co-certificate applicant.

Therefore the issue of a co-certificate for *Sierra Monitor Corporation* is recommended.

Berlin, 2014-04-22  
 TIS/A-FS/Kst. 969 lie-nie

Report released after review:  
 Date: 2014-04-22

The inspector



Dipl.-Ing. Juergen Lietzow



Dr.-Ing. Thorsten Gantevoort