

IECEX OD 024: 2012 (E) OFF-SITE TESTING AGREEMENT

This AGREEMENT is made this 22nd day of June, 2016, at Piusi SpA, Via Pacinotti, 16/A – 46029 Suzzara (MN) Italy between the following parties:

ExCB

CESI S.p.A. - Centro Elettrotecnico Sperimentale Italiano Giacinto Motta S.p.A.
Via R. Rubattino, 54 – 20134 Milano – Italy

and

ExTL

CESI S.p.A. - Centro Elettrotecnico Sperimentale Italiano Giacinto Motta S.p.A.
Via R. Rubattino, 54 – 20134 Milano – Italy

and

The Manufacturer

Piusi S.p.A.
Via Pacinotti, 16/A – 46029 Suzzara (MN) - Italy

RECITALS

Whereas Off-Site Testing at Manufacturers' or End User's facility is a CESI S.p.A. procedure for the use of a manufacturer's or end user's test facility by CESI S.p.A. staff in accordance with the applicable requirements of:

- a) CESI S.p.A. Operating Procedures *and*
- b) The rules of procedure of the IECEX System as stipulated in Operational Documents OD _____

Pursuant to which personnel from CESI S.p.A. performs the complete tests at the Piusi S.p.A., using CESI S.p.A. own test equipment.

Whereas Piusi S.p.A. wishes to participate in the Off-site Testing Program and is prepared to cooperate with and provide the necessary assistance to CESI S.p.A..

Now therefore, for and in consideration of the mutual covenants herein expressed and other lawful and valuable consideration, the parties agree as follows.

1.0 SCOPE

The off-site testing program operated under this Agreement covers the product safety Standards and tests described in Schedule "A" to this Agreement.

2.0 OBLIGATIONS OF Piusi S.p.A.

- 2.1 Piusi S.p.A. shall demonstrate that the test facility where off-site testing is to be performed, including the power supply and lighting and environmental conditions complies with the relevant requirements of ISO/IEC standard 17025, "General requirements for the competence of testing and calibration laboratories";

- 2.2 If the test equipment used is owned by Piusi S.p.A., Piusi S.p.A. shall demonstrate that its calibration program complies with the applicable requirements of ISO/IEC standard 17025;
- 2.3 Piusi S.p.A. shall appoint an appropriate person to be responsible for the test facility and calibration services, if applicable;
- 2.4 Piusi S.p.A. shall assist CESI S.p.A. personnel in the preparation for and conduct of tests by providing the services described in Schedule "B";
- 2.5 Piusi S.p.A. agrees to compensate CESI S.p.A. pursuant to agreed upon CESI S.p.A. quotations for services and expenses in connection with the provisions of this Agreement.

3.0 OBLIGATIONS OF CESI S.p.A (ExTL)

- 3.1 Maintain complete and full responsibility for all testing carried out at Piusi S.p.A. facility and for the integrity and completeness of the test results;
- 3.2 Prepare the required test report;
- 3.3 Perform the activities outlined in Section 4 of this Agreement;
- 3.4 Maintain all required documentation related to activities carried out under this Agreement.

4.0 QUALIFICATION ASSESSMENT AND CONTINUED VERIFICATION OF COMPETENCE

- 4.1 Prior to conducting tests under the Off-site Testing Program, CESI S.p.A. has conducted an initial assessment of Piusi S.p.A. test facility to verify compliance with the relevant requirements of ISO/IEC standard 17025;
- 4.2 At each visit to Piusi S.p.A. test facility under this program, CESI S.p.A. will validate the initial assessment results to ensure the ongoing suitability of the facility and the competence of Piusi S.p.A. personnel to perform the role assigned to them under Clause 2.4 above.

5.0 CONFIDENTIALITY

Although proprietary documents, material and information which come to the attention of CESI S.p.A. in the course of performing services under this Agreement shall be regarded as confidential, Piusi S.p.A. acknowledges and agrees that CESI S.p.A. is obligated to disclose such information to other third parties in accordance with the relevant rules and requirements of:

- ACREDIA (Accreditation body under which CESI S.p.A. is accredited), and
- The IECEx System.

6.0 MISCELLANEOUS TERMS AND CONDITIONS

- 6.1 This Agreement shall continue in effect as long as both parties jointly agree to and abide by its terms and conditions;
- 6.2 This Agreement is subject to cancellation by either party upon giving a written notice to the party;
- 6.3 This Agreement, including the Schedules referenced herein shall be executed

in duplicate, each of which shall be considered to be an original.

On behalf of Piusi S.p.A.

Name: Donato CAVICCHIOLI

Title: Quality and Technical manager

Signature: _____

On behalf of CESI S.p.A. (ExTL)

Name: Tiziano COLA

Title: Ex certification expert

Signature: _____

On behalf of CESI S.p.A. (ExCB)

Name: Mirko Balaz

Title: Technical Manager

Signature: _____

Schedule A

The standards and tests listed below are covered under this Agreement.

TEST STANDARD	TESTS
IEC 60079-0: 2011	Explosive atmospheres Part 0: Equipment - General requirements <ul style="list-style-type: none"> • <i>Clause 25 Compliance of prototype or sample with documents (Dimensional verifications).</i> • <i>Clause 26.5.1 Temperature measurement;</i> <ul style="list-style-type: none"> - <i>Clause 26.5.1.1: General;</i> - <i>Clause 26.5.1.2: Service temperature;</i> - <i>Clause 26.5.1.3: Maximum surface temperature.</i>

Schedule B

Piusi S.p.A. agrees to assist CESI S.p.A. in conducting the Off-site Testing Program by providing the following services:

1. Compliance of prototype or sample with documents (dimensional verifications), in compliance with clause 25 of the reference standard;
2. Temperature measurement, in compliance with clause 26.5.1 of the reference standard;
 - General, in compliance with clause 26.5.1.1 of the reference standard;
 - Service temperature, in compliance with clause 26.5.1.2 of the reference standard;
 - Maximum surface temperature, in compliance with clause 26.5.1.3 of the reference standard.

**OFF-SITE TESTING
SITE ASSESSMENT CHECKLIST**

ExTL DATA		TEST FACILITY	
Date of Testing	22-23 June 2016	Name of Facility	Piusi S.p.A.
ExTL Representative	Tiziano COLA	Address	Via Pacinotti, 16/A 46029 Suzzara (MN) - Italy
Signature		Primary Contact	Michele PELLIZZARI
Date:	22 June 2016	Phone/Fax	Tel: +39-0376.534561 Fax: +39-0376.536393
File No.	B6013410 Test Record	Email	michele_pellizzari@piusi.com
		Quality Manager	Donato CAVICCHIOLI
		Phone/Fax	Tel: +39-0376.534561 Fax: +39-0376.536393
		Email	donato_cavicchioli@piusi.com

	Complies?			Comments/Auditor Notes
	Yes	No	N/A	
Documentation				
Do external accreditations exist for the test site? <i>(attach copies of certificates)</i>		✓		Piusi has a quality management system certified according to the standard ISO 9001 (certificate n. IT06/1033 issued by SGS)
Is the appropriate version of the test standard available for use?	✓			Piusi has got the reference standard also used for product certification
- Are the appropriate ExTL test procedures (or equivalent procedures) available? - Are other standards or test methods involved and are they available? <i>(Attach a list of the additional standards or methods)</i>	✓			All tests have been carried out by CESI S.p.A. personnel (ExTL) who selected the points where to insert the thermocouples; the test procedure is that one of the reference standard.
Test Equipment & Calibration				
All test equipment/measurement instrumentation must comply with ExTL Quality System requirements pertinent to the tests being conducted.				
Is the test equipment properly housed, maintained, and suitable to perform the required testing?	✓			Test equipment are mainly owned by ExTL. In case equipment of Piusi have been used they were checked by ExTL and the certificates collected
Have you noted details of the test equipment used? <i>(i.e. type, serial number, model, manufacturer, model, calibration date, etc.)</i> <i>(Attach a separate list if necessary)</i>	✓			A complete list of the instrumentation used is reported in the test record.
Does the instrumentation meet the requirements of the test standard?	✓			They are well maintained, calibrated and with an uncertainty of measure suitable for the tests
Is all instrumentation in current calibration? <i>(attach proof of calibration, for on-site equipment)</i>	✓			All instruments are in current calibration, according to their schedule.
Is the equipment calibration traceable to national standards?	✓			Both in case of internal calibration or through an accredited laboratory it is possible to reconstruct the chain to standard measures.
If an internal laboratory is used for instrument calibration - Do calibration methods exist? - Are they under document control? - Can traceability of measurements be established? <i>(attach copies of methods and traceability documentation)</i>	✓			Piusi instrumentation is well registered and managed according to its quality system which ensures traceability of measurements

	Complies?			Comments/Auditor Notes
	Yes	No	N/A	
Is the equipment calibration provided with measurement uncertainty information?	✓			Each instrument data sheet defines its uncertainty of measure
Do procedures exist for the laboratory to notify ExTL if prior used test equipment is received at calibration out of tolerance?		✓		No, there is not a special procedure but Piusi is audited each year and this aspect is verified.
Accommodations and Environmental Conditions				
Are the room ambient conditions within the requirements of the standard(s)? - Are they monitored? - Is monitoring equipment calibrated? <i>(attach proof of calibration and document ambient conditions throughout test)</i>	✓			Yes, it is monitored by ExTL instrumentation which is calibrated
Are the test utilities within test standard(s) requirements	✓			Yes they are
Is there effective separation from areas of incompatible activities?	✓			The test area is delimited and kept separate from the rest of the laboratory
Is the condition of the test sample appropriate for the tests to be conducted?	✓			The test sample is a full apparatus and is appropriate for the tests carried out.
Identification Of Test Samples				
Are samples clearly identified by the client and accompanied by the relevant instructions/operating manual?	✓			The samples are compliant with the drawings which form the technical file and will be listed in the certificate. No extra tracking is necessary
Are samples entered in a tracking database?		✓		See above
Are samples locked? And is access secure from entry by non-authorized personnel?		✓		See above
Do test Samples have a Identification/Tracking Label?		✓		See above
Test Procedures and Methods				
Are the specific ExTL test procedures (or equivalent procedures) in place?	✓			Yes they are at disposal and shown in the test report issued by ExTL
Are the test methods/techniques used to carry out tests in accordance with the ExTL test procedures?	✓			See above
Are these test methods (if used) recorded and identified with date and revision level?	✓			See above
Is testing under the control of the ExTL representative?	✓			Testing have been completely managed and carried out by ExTL with the help of Piusi personnel

	Complies?			Comments/Auditor Notes
	Yes	No	N/A	
If software is used for data processing: - Is it documented; - Validated for accuracy; - Identified with date and revision levels.	✓			Software is only used for analysis of the data but no processing is made on them.
Consumables				
Do procedures exist for the purchase, reception and storage of reagent and laboratory consumable materials relevant for the tests and calibrations?			✓	No consumables are used for the tests
Are there records (list) of critical consumables and approved suppliers?			✓	See above
Are consumables required for the product category under witness testing?			✓	See above
Do the consumables meet the requirement of the applicable standard(s)?			✓	See above
Test Results				
Are test results recorded on appropriate and controlled data sheets?	✓			Yes. The data are recorded by the acquisition system and downloaded to the PC and analyzed using Excel
Do the data sheets contain sufficient information to determine compliance/non-compliance with the test standard?	✓			See above
Are the data sheets signed and dated by the person performing the test?	✓			Yes, that is automatically done by the acquisition system (owned by ExTL) and the results, shown in the test record, are signed by the ExTL person who carried out the tests
Are the data sheets reviewed, countersigned and dated by the ExTL representative witnessing the tests?	✓			See above
Test Personnel				
Have you noted the names of personnel assigned to perform the required tests?	✓			All tests have been carried out by ExTL personnel and Piusi personnel who helped to perform the tests is listed in the Test Record issued by ExTL
Are the personnel performing the tests qualified: - For the tests being performed? - In the use of the test instruments being utilized? - In the use of ExTL test procedures? (provide names)	✓			See above

REPORT

COMPANY

APPROVED

B6013410/B

	Complies?			Comments/Auditor Notes
	Yes	No	N/A	
Do the personnel: - Have the required training records? - Exhibit knowledge of the tests being performed and the equipment being used?	✓			See above

