Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form: 62-761.900(9)
Form Title: Storage Tank Equipment Registration Form
Effective Date: July 2019
Incorporated in Rule 62-761.850, F.A.C.

Storage Tank System Equipment Registration Form

Fill out completely

General Information

Company Name: Franklin Fueling Systems
Contact Name: Brad Fawcett
Company Address: 3760 Marsh Road
City, State: Madison, WI Zip: 53718
E-mail: bradley.fawcett@franklinfueling.com
Contact Number: 608-838-5650
Product Name: Colibri Tank Monitor
Model Number(s): CL6
Product Type: Leak Detection/Liquid Detector
Rule(s) citation that registration is being requested within Chapter 62-761 (UST), and/or 62-762 (AST), 62-761.600, 62.7612.601 F.A.C.

F.A.C.: Write a brief description of equipment registration request including product limitations:

The Colibri Tank Monitor is a leak detection system used to detect and prevent leaks in secondary containment piping systems. It also provides product inventory and delivery monitoring.

Information Checklist (Choose Yes, No, or N/A - Not Applicable):

		Yes	No	N/A
1.	Third-party Certification by a Nationally Recognized Testing Laboratory? (Required)	✔		
2.	Documentation of third-party evaluation that the equipment meets DEP Rules?	✔		
3.	Documents included about the qualifications of the Nationally Recognized Testing Laboratory?	✔		
4.	Technical information and drawings included?	✔		
5.	Installation instructions included?	✔		
6.	Annual Operability Testing Requirements (Rules 62-761.500, 62-762.501, & 62-762.502 F.A.C.)?	✔		
7.	Integrity Testing Requirements (Rules 62-761.700, 62-762.701, & 62-762.702, F.A.C.)?	✔		
8.	Compatible with fuel blends containing >10% ethanol or >20% biodiesel?	✔		
9.	Has the product been approved or registered in other countries or states? (If so provide list)	✔		
10.	Any requirements for company-certified installers or trainers?	✔		
11.	Was this product(s) previously approved or registered by the Department? If yes, EQ- **818**	✔		
12.	Any changes or modifications to the equipment since the last submittal to DEP?		✔	

Document Information: Provide supporting documents indicated as "Yes" above including this form via email to Tanknotify@floridadep.gov, or documents can be sent to FDEP, Division of Waste Management, 2600 Blair Stone Road, MS 4560, Tallahassee, FL 32399.

Write a brief description of equipment installation and performance in the U.S.:

The Colibri Tank Monitor should be installed by a certified technician in accordance with Franklin Fueling Systems instructions. After installation it is capable of monitoring for piping leaks as well as product inventory and delivery.

Equipment Registration Certification:

To the best of my knowledge and belief, all information submitted on this form is true, accurate and complete.

Brad Fawcett, Product Certification Engineer
Printed Name and Title

Brad Fawcett Digitally signed by Brad Fawcett Date: 2022.02.18 14:20:51 -06'00'
Signature (right click to sign)

02/18/2022
Date

For Department Use Only:

Date Application Received: 02/22/2022 Application complete: Yes: ✔ No:

EQ- 818 Date of complete or incomplete letter sent: 02/22/2022 Date Equipment Requires Renewal: 2/22/2027

Storage tank system equipment requires renewal every 5 years in accordance with subsection 62-761.850(2), F.A.C.

CERTIFICATE OF COMPLIANCE

Certificate Number	20130401-MH16589
Report Reference	MH16589-20090629
Issue Date	2013-APRIL-01
Issued to:	INTELLIGENT CONTROLS INC 34 SPRING HILL RD PO BOX 638 SACO ME 04072
This is to certify that representative samples of	CONTROL, MONITORING AND AUXILIARY EQUIPMENT Refer to addendum page for Models
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 913 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations, UL 1238 - Standard for Control Equipment for Use with Flammable Liquid Dispensing Devices, CAN/CSA C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations and CAN/CSA C22.2 No. 142 - Process Control Equipment.
Additional Information:	See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.
The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with “C” and “US” identifiers: c UL us the word “LISTED”; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20130401-MH16589
Report Reference	MH16589-20090629
Issue Date	2013-APRIL-01

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL, CNL Associated Apparatus for use in Unclassified Locations.

Models CL6 and TS-CL6 provide intrinsically safe outputs for use in Class I, Group D Hazardous Locations when installed in accordance with manufacturer's control drawing no. 000-1735.

Model CVM, providing intrinsically safe circuits for use in Class I, Group D Hazardous Locations when installed in accordance with Control Drawing No. 009-1740.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BOB MARTINEZ CENTER
2600 BLAIRSTONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

March 21, 2014

Ms. Sandy Adams
Franklin Fueling Systems
3760 Marsh Road
Madison, WI 53718

Subject: Approval of the Franklin Fueling Systems
Colibri Tank Monitor.
File No. EQ-818

Dear Ms. Adams:

The Office of District and Business Support has concluded its review of the Equipment Approval request dated November 1, 2013 that was submitted for Franklin Fueling Systems Colibri Tank Monitor, pursuant to Rules 62-761.640(3)(a), 62-761.850(2), 62-762.641(3)(a), and 62-762.851(2), Florida Administrative Code (F.A.C.). The Colibri Tank Monitor provides static leak detection for monitoring secondary containment systems associated with underground and aboveground storage tanks. The Colibri Tank Monitor also provides product inventory and delivery management, and can monitor high, low and water alarm set points. Colibri Tank Monitor have been third party approved by Underwriters Laboratories and meets the technical requirements of the Florida storage tank system rules.

Based on the information provided by Franklin Fueling Systems, the Colibri Tank Monitor provide environmental protection substantially equivalent to that provided by compliance with the requirements established in to Rules 62-761.640(3)(a), and 62-762.641(3)(a), F.A.C. and may be used to provide static leak detection for monitoring secondary containment systems associated with underground and aboveground storage tanks.

Pursuant to Rules 62-761.850(2) and 62-762.851(2), F.A.C., the request for the use of the Franklin Fueling Systems Colibri Tank Monitor is approved in the State of Florida as static leak detection for monitoring secondary containment systems associated with underground and aboveground storage tanks. The installation and operation of the Colibri Tank Monitor shall be made in accordance with the manufacturer's recommendations.

Please be advised that the above referenced DEP rules are subject to change. If the above rule standards are modified in the future, this order may be modified or rescinded for future upgrades and installations. Additionally, if the product(s) show a consistent pattern of failure(s), and

therefore does not provide substantially equivalent environmental protection, the Department may rescind this order.

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57, F.S., within **21** days of receipt of this Order. Persons who have filed such a petition may seek to mediate the dispute and choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning a hearing and pursuing mediation are set forth below.

Persons affected by this Order have the following options:

A. If you choose to accept the Department's decision regarding the Order, you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.
B. If you choose to challenge the decision, you may do the following:
    1. File a request for an extension of time to file a petition for hearing with the Department's Agency Clerk in the Office of General Counsel within **21** days of receipt of this Order. This request should be made if you wish to meet with the Department in an attempt to resolve any disputes without first filing a petition for hearing or negotiate an agreement to mediate; or
    2. File a petition for administrative hearing with the Department's Agency Clerk in the Office of General Counsel within **21** days of receipt of this Order.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation under Section 120.573, F.S., and must negotiate an agreement to mediate within **10** days after the deadline for filing a petition.

How to Request an Extension of Time to File a Petition for Hearing

For good cause shown, pursuant to Rule 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for hearing. Such a request must be filed (received) by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within **21** days of receipt of this Order. Petitioner, if different from the applicant, shall mail a copy of the request to the applicant at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

How to File a Petition for Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, MS 35, Tallahassee,

Florida, 32399-3000, within **21** days of receipt of this Order. Petitioner, if different from the applicant shall mail a copy of the petition to the applicant at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S., and Rule 28-106.201, F.A.C., a petition for administrative hearing shall contain the following information.

a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, the site owner's name and address, if different from the petitioner, the DEP facility number, and the name and address of the facility;
b) A statement of when and how the petitioner received notice of the Department's action or proposed action;
c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
e) A concise statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action or proposed action; and
g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

How to Pursue Mediation

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for hearing). The agreement must contain all the information required by Rule 28-106.404, F.A.C. The agreement, signed by all parties, must be received by the Agency Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000 within **10** days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

Pursuant to Rule 28-106.404, F.A.C., an agreement to mediate must include the following.

(i) The name, address, and telephone number of the persons who may attend the mediation, (also the DEP facility number, the name and address of the facility if applicable);
(ii) The name, address, and telephone number of the mediator agreed to by the parties;
(iii) How the costs and fees associated with the mediation will be allocated (the Department will not pay any of the costs of mediation);

(iv) The agreement of the parties regarding the confidentiality of discussions and documents introduced during mediation to the extent authorized by law;
(v) The date, time, and place of the first mediation session;
(vi) The name of the party's representative who shall have authority to settle or recommend settlement; and
(vii) The signature of the parties.

As provided in Section 120.573, F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, F.S., for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within **21** days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under Sections 120.569 and 120.57, F.S. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, F.S., are resumed.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or mediation settlement.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Agency Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department (see below).

Questions

Any questions regarding the Department's review of your equipment approval should be directed to John Svec at (850)245-8845. Questions regarding legal issues should be referred to Rebecca Robinette, Office of General Counsel, at (850)245-2242. Contact with any of the above does not constitute a petition for administrative hearing, a request for a time extension to file a petition for hearing or an agreement to mediate.

Sincerely,

John A. Coates, PE, Assistant Division Director
Division of Waste Management

JAC/js

FILING AND ACKNOWLEDGMENT FILED,
on this date, pursuant to §120.52 Florida Statutes,
with the designated Department Clerk, receipt of
which is hereby acknowledged.

___ ____03/24/2014_____
Clerk Date
(or Deputy Clerk)

Colibri Tank Monitor

Colibri is the ideal solution for the fueling station owner who requires basic, straightforward functionality in a fuel inventory monitoring system. The Colibri system monitors fuel density and inventory levels in up to six tanks and provides accurate, reliable information without manually taking tank readings. Additional features communicate the status of tank contents, including volume, temperature, mass, water level and continuous tank leak detection. The Web interface feature allows authorized users access to tank information from any computer connected to the internet or wide area network, as well as custom alerts which can be sent to email or mobile devices. The Colibri tank monitor is the highest quality, best value solution available for any fueling station that requires essential tank monitoring capabilities.

Advantages

- Monitors fuel levels and density measurements in up to six tanks.
- Static and continuous tank leak detection capabilities.
- Standard communication ports.
- External USB printer support.
- Web interface for remote access.
- Programmable email notification of alarms and events.
- Compact size provides installation location flexibility.
- Autocalibration can recreate missing or inaccurate tank strapping charts.

Specifications

- Number of tanks monitored: 6
- Output channels: 2
- Display type: color LCD touch screen
- Internal audible alarm
- Alarm, warning and power LEDs
- Applicable liquids: petroleum, chemicals and hazardous waste
- Level units: centimeters, millimeters and inches
- Volume units: liters or gallons (mass with density option)
- Display size: 142 mm (5.6 in)
- Dimensions: 185 mm x 303 mm x 57 mm (7.27 in x 11.92 in x 2.24 in)
- Power requirements: 94 to 264 VAC, 50/60 Hz 1.0 Amps
- Operating temperature: 0 to 40 °C (32 to 104 °F)
- Humidity: 0% to 95% non-condensing
- Compatible with FFS inventory and leak detection LL2 probes

Standard Capabilities

- Inventory and delivery management
- Static tank leak detection
- High, low and water alarm set points
- Available with or without display
- Web interface and email notifications

Optional Capabilities

- SCALD 24 hour tank leak detection
- Inventory reconciliation / Tank autocalibration
- Density and mass measurement

Approvals

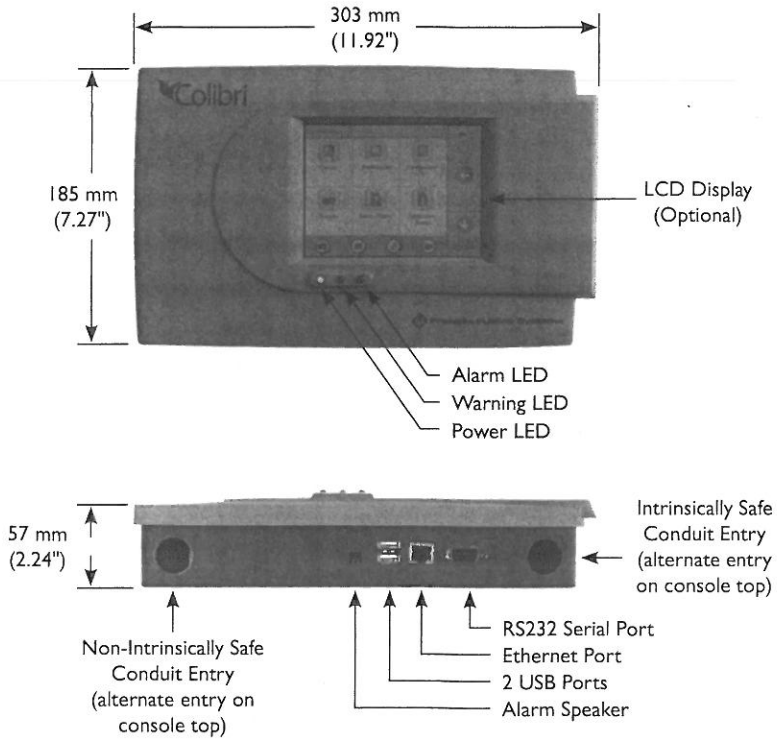
- UL, cUL, ATEX, IECEx
- Third party certification of leak detection capabilities

Ordering Guide

Console model and software can be listed separately or combined when ordering. Systems shipped from the factory will list the combined part number. Complete console part numbers have a specific order and are created using the following guidelines:

CL6 D / TR

CL6 = Colibri Model
D = Display Option
TR = Software Options
T = SCALD 24 hour tank testing
R = Reconciliation/autocalibration



Colibri Consoles

Model	Description
CL6	Six channel Colibri console without display
CL6D	Six channel Colibri console with display

Internal Software Options

Part Number	Description
CL-TT	(T) Statistical Continuous Automatic Leak Detection (SCALD), 24 hour continuous tank testing software
CL-TRAC	(R) Tank inventory reconciliation and autocalibration software

Upgrading Installed Colibri Systems

Feature Upgrade

The Colibri console can be upgraded after installation to add any of the available Internal Software Options. The serial number of the console as well as the part number of the option being ordered must be supplied.

Software Upgrade

The latest version of the Colibri software can be shipped on a memory stick.

Part Number	Description
CL-UPGMS	Colibri Software Version Upgrade on a USB memory stick

Note: The latest version of the Colibri software is also available for download from the FFS website.

CERTIFICATE OF COMPLIANCE

Certificate Number	20130401-MH16589
Report Reference	MH16589-20090629
Issue Date	2013-APRIL-01

Issued to: INTELLIGENT CONTROLS INC
34 SPRING HILL RD PO BOX 638
SACO ME 04072

This is to certify that representative samples of CONTROL, MONITORING AND AUXILIARY EQUIPMENT
Refer to addendum page for Models

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 913 - Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations, UL 1238 - Standard for Control Equipment for Use with Flammable Liquid Dispensing Devices, CAN/CSA C22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations and CAN/CSA C22.2 No. 142 - Process Control Equipment.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers: c(UL)us the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20130401-MH16589
Report Reference	MH16589-20090629
Issue Date	2013-APRIL-01

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL, CNL Associated Apparatus for use in Unclassified Locations.

Models CL6 and TS-CL6 provide intrinsically safe outputs for use in Class I, Group D Hazardous Locations when installed in accordance with manufacturer's control drawing no. 000-1735.

Model CVM, providing intrinsically safe circuits for use in Class I, Group D Hazardous Locations when installed in accordance with Control Drawing No. 009-1740.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx UL 09.0005 issue No.:4
Status:	**Current**
Date of Issue:	**2013-04-02**
Page 1 of 4	

Certificate history:
Issue No. 4 (2013-4-2)
Issue No. 3 (2012-11-16)
Issue No. 2 (2012-8-30)
Issue No. 1 (2009-11-14)
Issue No. 0 (2009-6-29)

Applicant: **Intelligent Controls Inc.**
34 Spring Hill Road
PO Box 638
Saco, ME 04072
United States of America

Electrical Apparatus: **Associated Apparatus, Flammable Liquid Gauge/Leak Detection System**
Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: [Ex ia Ga] IIA

Approved for issue on behalf of the IECEx Certification Body: Erin O'Shea

Position: Sr. Project Engineer

Signature:
(for printed version) Erin O'Shea

Date: 2013-04-02

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America

IECEx Certificate of Conformity

Certificate No.: IECEx UL 09.0005

Date of Issue: **2013-04-02** Issue No.: **4**

Manufacturer: **Intelligent Controls Inc.**
34 Spring Hill Road
PO Box 638
Saco, ME 04072
United States of America

Additional Manufacturing location (s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:
The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
US/UL/ExTR09.0005/00 US/UL/ExTR09.0005/01 US/UL/ExTR09.0005/02
US/UL/ExTR09.0005/03 US/UL/ExTR09.0005/04

Quality Assessment Report:

US/UL/QAR06.0007/04

IECEx Certificate of Conformity

Certificate No.: IECEx UL 09.0005

Date of Issue: **2013-04-02** Issue No.: **4**

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Models CL6, TS-CL6 and CVM are permanently mounted associated apparatus that provide intrinsically safe circuits for use in Group IIA. The units are designed to be mounted indoors in a non-hazardous location and connected to up to six suitably rated intrinsically safe apparatus.

These devices are control panels with or without a touch screen. Peripheral equipment may be connected to the external ports of the device (e.g., USB, RS-232, Ethernet), in the non-hazardous area. The enclosure contains two field wiring compartments, one for intrinsically safe wiring, and one for non-hazardous wiring (input power and relay outputs). Models CL6 and TS-CL6 are identical with respect to the requirements in the standards identified above

CONDITIONS OF CERTIFICATION: NO

IECEx Certificate of Conformity

Certificate No.: IECEx UL 09.0005

Date of Issue: **2013-04-02** Issue No.: **4**

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Revisions made to the IECEx Test Report for 60079-0 and 60079-11. Clause 3.1.8, page 5 of 24, revised to drawing 219-0001 as 2.43mm. Clause 3.5.2, page 9 of 24, revised to These Resistors.

Issue 2: The device was evaluated to the latest editions of the standards and minor changes were made to the design.

Issue 3: An alternate trace layout drawing was added.

Issue 4: Model CVM was added.

[1] # EC-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

[3] EC-Type Examination Certificate Number: **DEMKO 09 ATEX 0865104 Rev. 2**

[4] Equipment or Protective System: **Associated Apparatus, Flammable Liquid Level Gauge/Leak Detection System**

[5] Manufacturer: **Intelligent Controls Inc.**

[6] Address: **34 Spring Hill Road, PO Box 638, Saco, ME 04072 USA**

[7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in confidential report no. **12NK12144**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 **EN 60079-11:2012** **EN 60079-26:2007**

[10] If the sign "**X**" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system.
These are not covered by the certificate.

[12] The marking of the equipment or protective system shall include the following:

II (1) G [Ex ia] IIA

Certification Manager
Jan-Erik Storgaard

Notified Body

Date of issue: 2009-06-30
Re-issued: 2013-04-02
UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com

[13] [14]

Schedule
EC-TYPE EXAMINATION CERTIFICATE No.
DEMKO 09 ATEX 0865104 Rev. 2
Report: 12NK12144

[15] Description of Equipment or protective system

The Models CL6, TS-CL6, and CVM are permanently mounted associated apparatus that provide intrinsically safe circuits for use in Group IIA. The units are designed to be mounted indoors in a non-hazardous location. Models CL6 and TS-CL6 are intended for connection to up to six suitably rated intrinsically safe apparatus, while the Model CVM is intended for connection with two intrinsically safe apparatus.

These devices are control panels with or without a touch screen. Peripheral equipment may be connected to the external ports of the device (e.g., USB, RS-232, Ethernet), in the non-hazardous area. The enclosure contains two field wiring compartments, one for intrinsically safe wiring, and one for non-hazardous wiring (input power and relay outputs). Models CL6 and TS-CL6 are identical with respect to the requirements in the standards identified in Section [9]. The Model CVM is mounted in an enclosure identical to the Models CL6 and TS-CL6 and also contains similar input circuitry. The primary difference between the CVM and CL6/TS-CL6 is the arrangement of barrier circuits that are used and the entity parameters.

Nomenclature for type:
CL6, TS-CL6 (identical), and CVM

Temperature range
The ambient temperature range is -25°C to +40°C.

Electrical data

Models CL6 and TS-CL6:

Intrinsically safe specifications:
U_m : 250 V

Terminals (+RED, -BLACK):
U_o : 28.35 V
I_o : 157.5 mA
P_o : 1.1 W
L_o : 1.4 mH
C_o : 1.04 uF

Model CVM

Intrinsically safe specifications:
U_m : 250 V

Terminals (+RED, -BLACK):
U_o : 26.25 V
I_o : 98.2 mA
P_o : 0.64 W
L_o : 14.7 mH
C_o : 1.25 uF

Installation instructions
Unused apertures shall be closed with suitable blanking elements.

Routine tests
None

[13] [14]

Schedule
EC-TYPE EXAMINATION CERTIFICATE No.
DEMKO 09 ATEX 0865104 Rev. 2
Report: 12NK12144

[16] Report No.
Project Report No.: 12NK12144 (Hazardous Location Testing)

Documents:

Description:	Drawing No.:	Rev. Level:	Date:
BRIC ATG, Power and IS Barrier (Schematic)	009-229065701	3	2009-05-22
Bill of Materials, BRIC ATG, Power and I.S. Barrier	019-229065701	4	-
ATEX Control Drawing Colibri ATG	008-1735	B	2012-06-18
TS-CL6, CL6 ATEX Serial Number and Compliance Label	248-1026	B	2012-06-18
BRIC Entity Parameters Label	240-1028	B	2009-05-27
BRIC, CL6, CVM Regulatory Document (Assembly)	149-0045	C	2013-03-25
Trace Layouts	179-229065101	4	-
Trace Layouts	179-229065101	5	2012-05-29
Terminal Block Plug 5.08mm/0.200in	219-0001	B	2009-05-28
Terminal Block Header 5.08mm/0.200in	219-0002	A	2009-01-20
Potting PCB Fuse Layout BRIC, CL6, CVM	000-0124	C	2013-03-25
BRIC, CL6, CVM Potting Barrier Shield	283-4044	C	2013-03-25
CVM, IS BARRIER ATEX (Schematic)	008-229076	A	2013-03-28
Bill of Materials, CVM, I.S. Barrier ATEX	018-229076701	1	-
Trace Layout (CVM)	179-229076101	3	2013-03-27
ATEX Control Drawing, CVM	008-1740	B	2013-03-27
CVM ATEX Serial Number and Compliance Label	248-1036	A	2013-03-27
CVM Entity Parameters Label	240-1037	A	2012-12-04

[17] Special conditions for safe use:
None.

[18] Essential Health and Safety Requirements
Concerning ESR this Schedule verifies compliance with the Annex III of ATEX directive only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

Additional information
The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.