

November 2009

## REGULVAR ISO9001:2008 certified

Several years ago, in an effort to demonstrate its enduring commitment to clients as well as a strong will to optimize and continuously improve its activities, Regulvar decided to establish a quality assurance program and proudly obtained its ISO9001 certification in 1997.

The ISO9001 standard governs the practice of quality management, and its implementation allows us to satisfy:

- the quality requirements of our customers, while
- improving customer satisfaction, and
- continuously improving our performance in achieving these objectives.

Thus, for the last twelve years, Regulvar's team has been constantly involved in the company's

pursuit of total quality management. Because of our personnel's dedication, we can proudly announce today that after an audit from our Registrar, the Bureau de normalization du Québec, our branches of Laval, Quebec, Lachine and St-Hubert saw their ISO certification renewed. They are now certified ISO9001:2008.

Congratulations to the team for its collaboration and excellent work!

Source : Annie Laberge, Quality Assurance Director  
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### Did you know?

Regulvar is a contractor specializing in automatic control since 1974.

35 years

## A balanced environment for HVAC Inc.

HVAC inc., a firm specialized in building services, recently moved its offices to a new building in Laval. It commissioned professionals to create beautiful workspaces and decided to entrust Regulvar with the task of providing a comfortable and healthy environment for its occupants.

To achieve this, Regulvar designed and implemented an automatic control system which centralizes the management of heating, ventilation and air conditioning. Also, to make better use of this system, it was decided to use wireless technologies because they provide flexibility in terms of communication, use much less wires and offer greater freedom if a decision was ever made to refit the space.



At the heart of it all is a touch screen that monitors and controls temperature, humidity and ventilation. It sends wireless commands to three ventilation units located on the roof, which then act accordingly, activating the compressors, the fans or the humidifier.

An additional advantage is procured by the variable air volume (VAV) system, thanks to which each of the 40 rooms benefits from customized ambient temperature. The installed thermostats,

of which 12 are self-powered and wireless, transmit and receive information relevant to temperature control through Regulvar's RUBI gateway and a Delta controller.

This comprehensive solution makes it possible for all occupants to enjoy a balanced environment and for executives to manage their building in a much simpler way.

Source : Marc Dugré, President  
mdugre@regulvar.com





## Green Project in Trois-Rivières

When the engineering consulting firm Pluritec designed and built its new offices in Trois-Rivières, it chose to call on Regulvar's expertise in lighting control and then entrusted its team with the implementation of a cutting-edge wireless solution.

The solution in question uses more than 170 switches in as many rooms, 14 antennas, 13 transponders and 4 RUBI gateways which allow for seamless interaction between the wireless devices and the centralized DELTA/Regulvar control system.

As a result, the lighting will be switched on and off according to a schedule. To ensure that

occupants are not left in the dark, the lights have been programmed to flash a few minutes before they go out.

Already profitable for the client because it simplifies lighting management and reduces energy consumption, this solution has been designed so that clients can maximize the potential of the installed equipment.

In effect, wireless and batteryless devices – for example light sensors and motion detectors – could be added at any moment. This would optimize the overall management, the occupants' comfort as well as the energy savings, making it possible for the client to get the most out of his building.

Source : Richard Lequin,  
Lighting Control – Business Development  
rlequin@regulvar.com



## Schluter Systems and REGULVAR

### When green gets the gold

Schluter Systems, a company that specializes in tiling installation solutions, is about to move into its new green Canadian head office in Sainte-Anne-de-Bellevue. This new facility was built with the intention of meeting the requirements for a Gold certification from the LEED program (Leadership in Energy and Environmental Design), which include energy efficiency, water efficiency, heating efficiency as well as the use of local materials and recycling of their surplus.

To achieve their goal, the engineering firm Concept-R opted for Delta's control systems and asked Regulvar to design and implement a centralized system able to seamlessly regulate access, lighting, air conditioning, ventilation and heating. To ensure energy efficiency, many elements are intended to be activated upon detection of the presence of occupants. Lighting, for example, will be turned on in predetermined areas when a person entering the building uses her access card.

The main feature of this solution is a unique control station that communicates with over 50 controllers. After receiving the required information, these controllers convey the commands necessary to operate various innovative equipment such as geothermal heat pumps, solar walls, radiant floors, watering of the wall garden, air quality, snow melting system, and storm water recovery.

Because of Regulvar's knowhow and support, the building owners were able to reach for the gold... and get it.

Source : Pascal Fontaine, Project Manager  
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## UPCOMING TRAINING

### ORCAVIEW 3.33

DIGITAL CONTROLLERS  
INTERMEDIATE LEVEL

The main objective is to familiarize participants with the ORCAview software and with Delta digital controllers.

**Laval : April 12•13** (French)

**Ottawa : March 8•9** (English)

### ORCAVIEW 3.33

DIGITAL CONTROLLERS  
ADVANCED LEVEL

The purpose of this training is to understand the advanced software functions.

**Laval : April 14•15** (French)

**Ottawa : March 10•11** (English)

### GCL + PROGRAMMING

(GENERAL CONTROL LANGUAGE)

The objective of this training is to understand the programming of Delta digital controllers.

**Laval : April 19•20•21** (French)

**Ottawa : March 15•16•17** (English)

### CREATION OF GRAPHIC INTERFACE

WITH ILLUSTRATOR

The objective of this training is to create graphic interfaces with the ORCAview 3.33 Illustrator module software.

**Laval : April 26•27** (French)

**Ottawa :** (English)

Depending on enrollment

For more information,  
please contact Mary Arial  
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