



## News Release

FOR IMMEDIATE RELEASE

### **Clean Rooms Are Not a Dirty Topic at International Pharmaceutical Engineering Association Seminar**

*-- Presentation to educate attendees about  
energy conservation measures for clean rooms --*

**São Paulo, SP (October 6, 2010)** – Clean rooms are critical environments that require special air quality and systems to maintain them – and must be as energy and operationally efficient as possible. Typically used for manufacturing or scientific research, a clean room is virtually free of dust or bacteria and has precisely controlled conditions such as temperature, humidity and pressure.

At the upcoming International Pharmaceutical Engineering Association (ISPE) seminar, Antonio Almeida, manager of the Trane control and facility group in Brazil, will address best practices for optimizing building systems and their efficiency in clean rooms, including:

- Energy conservation measure selection
- Options for cooling systems and critical process control systems
- Metrics for evaluation

#### **Details on Antonio Almeida presentation, “Air Conditioner - System and Equipment Efficiency”**

When: October 07, 2010

Where: Hotel Ibis SP Congonhas - Rua Baronesa de Bela Vista – 801, São Paulo (SP)

Time: 09:55 am

Conference website: <http://www.ispe.org.br>

#### **About the ISPE “Energy Savings in Clean Rooms” Seminar**

The ISPE seminar “Energy Savings in Clean Rooms,” held on October 7, in São Paulo, will address energy and operational efficiency in clean rooms for managers, engineers and technicians. ISPE is a non-profit association, founded in the United States in 1980. The organization has approximately 25,000 members worldwide, including 220 in Brazil. ISPE promotes educational and technical qualification of members through lectures, debates and seminars.

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#### **About Antonio Ribeiro de Almeida**

Antonio Ribeiro de Almeida is manager of Trane Brazil's contracting and control department. Almeida focuses on project development and coordination for heating, ventilation and air conditioning systems and project management and implementation for energy efficient new construction and retrofits. He has a degree in mechanical engineering from the Industrial Engineering University (FEI), in São Paulo.

#### **About Trane**

Trane, a business of Ingersoll Rand - the world leader in creating and sustaining safe, comfortable and energy efficient environments, improves the performance of homes and buildings around the world. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for homes and commercial buildings. For more information, visit [www.Trane.com](http://www.Trane.com).

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