

MAKING BUILDINGS BETTER

MANUFACTURING



ITW MEYERCORD

Owner: Illinois Tool Works (ITW)

Project Type: Comprehensive Turnkey

Customer Challenges:

Meyercord, an ITW company, was moving their printing operations to a new location. The new facility had to be tailored to Meyercord's specific needs. Meyercord had specific temperature and humidity tolerances in the printing areas of this facility. Any drift in the environmental conditions in this area would jeopardize Meyercord's products. The facility only allowed a +/- 3° F temperature variance year round. Also the relative humidity could only drift +/- 2% from the design point. The air had to be very clean for the printing process to work properly; this required a high number of air changes. The critical nature of this application called for reliable equipment and a sophisticated control system. And if all of that wasn't enough, Meyercord was pressed for time, and needed to move in within five months.

Trane Solutions to the Challenges of the Project:

Trane provided all of the engineering, project development, installation, project management, commissioning, maintenance and warranty for this project. Trane was able to meet the demanding conditions of the Meyercord facility, and create a reliable system with inherent redundancy. The Trane Tracer Summit Building Automation System coordinated all of the HVAC systems and monitored the space conditions. The Trane team worked quickly to meet the demands of this project and synchronized quick shipments from the factories to meet the time constraints. Additionally, the design budget was prepared timely so Meyercord could confirm their decision to move facilities.

General Description of the Building:

Meyercord Revenue is an ITW company and a market leader in specialty printing and stamping equipment. The facility located in Glendale Heights, Illinois is for manufacturing and printing.

Trane Equipment/Controls:

Two air-cooled RTAC chillers, Trane outdoor T-series Air Handling Units, VAV boxes and Fan-powered VAV boxes, VAV Rooftop units, 100% Outdoor Air Unit with cooling and electric heat, new boilers, a humidification system, and a Trane Tracer Summit Building Automation System.

