

Molin Concrete Products
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Since 1897

"Building" Customer Satisfaction Through Generations of Teamwork

INSIDE:

**Molin Concrete
Field Crews**

Full Service Precast
Installation

Project

Data Center
Chaska, MN

Safety Day

Molin Concrete holds
annual Safety Day for
employees



Data Center
Chaska, MN

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MOLIN CONCRETE FIELD OPERATIONS

MOLIN FIELD OPERATIONS COMPLIES WITH NEW OSHA STANDARD



Dan Bible
Director
Field Operations

New developments in our industry have afforded Molin's Field Operations group the opportunity to review and update several key training programs. Two such programs pertain to rigging our products for installation and signaling our cranes. As an owner of several cranes, the Field Operations department started tracking the developments of a new Federal Crane Standard as early as spring 2010. What ensued was the release of OSHA standard 1926 Subpart CC – Cranes and Derricks in Construction.



The new requirements of this standard became effective on November 8, 2010 on the federal level and February 9, 2011 on the state level. Some of the main components include: the necessity for crane operators to be certified (required in MN since 2007), the need to have qualified riggers and signalpersons, and changes to standards when working around overhead power lines. All of Molin's Crane Operators are certified through the National Commission for the Certification of Crane Operators (NCCCO). Further, all of our installation crew employees are qualified signalpersons and qualified riggers.

An in-house training program was developed and conducted with the help of key business partners to meet the qualified rigger and signalperson requirements. Copies of our employees' qualifications, documentation, and training are kept in each crane and with each Crew Foreman.

While complying with industry standards is important, of greater importance is the health and safety of our employees. Crane accidents killed an average of 78 people per year between 2003 and 2005. OSHA expects this standard to prevent 22 fatalities and 175 non-fatal injuries per year. We're on board!



Molin Concrete's Installation Crews comply with all OSHA Standards

PROJECT HIGHLIGHT
DATA CENTER - CHASKA, MN



Owner: Next Tech Products: 16" Hollow Core Plank: 182,000 Sq. Ft
Architect: Corgan Associates
Engineer: L.A. Fuess Partners, Inc.
GC: M.A. Mortenson Construction



John Saccoman
V.P. Sales & Marketing

Molin Concrete recently completed installation of 16" hollow core plank for the Next Tech data center in Chaska, MN. The 16" hollow core plank, the deepest section of plank poured in the U.S., was sized for the project due to heavy load requirements. Molin utilized special lifting clamps to install the plank. The lifting clamps provided a safe and ergonomical way for Molin Concrete's field crews to place the planks.



An integral part of the hollow core plank design was the FEMA F5 Tornado Design that the project specified. The design requires keyway bars, additional weld plate connections, and a detailed shear wall to hollow core plank connection.

The design of the structure specified a significant amount of dead load on the hollow core plank. A cross section of 3" of composite topping, 3" of insulation, as well as 8" of ballasted topping is intended to counteract any uplift from tornadic activity.

Molin's clamping technique proved to be an efficient installation process.

MOLIN CONCRETE PRODUCTS

SAFETY DAY

Safety is taken very seriously at Molin Concrete; so much so that we hold safety training days for our field and plant employees. This year, Molin Concrete was pleased to have Chris Tschida, Safety Director for Mortenson Construction, speak at our Safety Day. Chris shared success stories about how his company has embraced a Zero Injury culture to virtually eliminate accidents and injuries. Molin Concrete aims to team up with all General Contractors to identify and eliminate unsafe work conditions.



Safety Day at Molin with Chris Tschida from Mortenson

Fax Back Information Form

For more information,
Fax this form to (651) 786-0229

- Hollow Core Plank
- Foundation Wall Panels
- Structural Wall Panels
- Prestressed Beams/Columns
- Prestressed Stadia
- Residential

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