

World Trade Center PATH Terminal Hall



Project Description:

Santiago Calatrava is known for his unique architecture and was selected by the Port Authority of New York and New Jersey to design the Transportation Hub at the World Trade Center. Fabrication of the "ribs" and columns for the PATH Hall Terminal was done by URSSA and Horta Coslada because of their experience in fabricating structures designed by Calatrava. Calatrava's designs involve fabrication of different types of steel not typically used in the structural steel industry.

Atema provided services for the two companies at three fabrication sites in Spain. Services included design drawing and project specification review, writing and review of RFIs, training for the fabricators' engineering groups, shop supervision, and inspection to project US code requirements. Atema was also involved in change orders and RFI's to improve the constructability of welded joints. Because of the unique design of the "rib" joints, Atema developed innovated means by which to conduct the qualification tests.

Owner Reference:

Port Authority of New York and New Jersey

Fabricators: URSSA and HORTA

Coslada

Fabrication References:

Jose M^a Lagos Hernández, Export Manager, URSSA S. COOP, 011-34 630 924 634, jlagos@urssa.es

http://www.urssa.es

Alejandro Otero Gutiérrez, Director General, Horta Coslada Construcciones Metálicas, S.L., 34 91 886 59 70 alejandro.otero@hortacoslada.com http://www.hortacoslada.com

Project Dates:

June, 2009 – October 2010

Location: Spain

Fabricator Services:

- ▲ Technical Consulting
- ▲ CWI Inspections
- ▲ Quality Control Management
- ▲ Training







▲ 728 W Jackson Blvd ▲ Suite 1001 ▲ Chicago, IL 60661 ▲ ▲ PH: 312-861-3000 ▲ info@atema.com ▲ www.atema.com ▲ Certified DBE Chicago Transit Authority | Certified WBE PANYNJ Port Authority New York New Jersey | Certified WBE Empire State Development