

Freestanding Walls Showcase New Technology & Process

Case Study

Application: Segmented process area visible within the plant

Products:

- ✓ OmniFlex 300 Freestanding Wall System
- ✓ Steel Fire & Sound Wall Panels
- ✓ 48" x 58" x 1/4" Tempered Safety Glass Windows
- ✓ 14 Gauge Steel Top Cap

Benefits Provided:

- ✓ Created partitioned process area
- ✓ Utilized existing lighting, HVAC and fire suppression systems
- ✓ Pre-engineering design allowed Ford's maintenance staff to install
- ✓ Flexibility to take down and re-purpose at a future date



The Situation

Ford Motor Company's stamping plant wanted to create an enclosed area that would both partition and display an innovative new manufacturing technology. The goal was to essentially create a "Center of Excellence" within the existing manufacturing plant.



The Solution

PortaFab's freestanding OmniFlex 300 wall system was specified for its ability to meet the 5lb. per square foot lateral load requirement for interior walls over 60" tall. To provide the desired durability and visibility, PortaFab's Steel Fired & Sound panels with extra tall tempered glass panels were specified. PortaFab engineers integrated doors and utilized 45 degree angled corner frames to fully maximize the designated space available within the plant's support columns.



The Solution

Once complete and installed, Ford had truly accomplished its goals. The steel and glass enclosure effectively showcased the area as a Center of Excellence while also helping control quality, sound and access. Best of all, the pre-engineered solution was designed and installed quickly and cost-effectively and has the flexibility to adapt to future changes.