

DELIVERED
PERFORMANCE

TECO
PROJECT
PROFILE



**BROWNFIELD
TABLEWARE
PLANT**



CONFIDENTIAL CLIENT | USA

SUMMARY

The client engaged TECO after the originally selected contractor failed to meet expectations, resulting in a six-month delay. Despite this setback, the committed start-up date had to be maintained, leaving TECO one year to deliver. The project required duplicating a complex, highly proprietary process with minimal documentation, installing the new line within an existing facility tightly constrained between two active lines that could not be disrupted.

Execution demanded precise coordination across building, mechanical, electrical, and equipment installation within a congested work area involving multiple contractors and trades. Due to the sensitive, proprietary nature of the process, confidentiality was critical—another reason TECO was selected. The project was completed on time, with zero lost-time injuries and no interruption to adjacent production facilities.

SCOPE

- Duplicate the existing proprietary process
- Install a dual formula batch system while maintaining batch flow to two (2) existing process lines
- Proprietary melter & forming design unique to client
- Complex utility systems upgrade
- Maintain close partnership with client technical staff to ensure process design integrity
- Raise existing building roof line 30+ feet in the middle of winter while protecting two existing process lines

STATS

- Target date for completion of steel erection was beaten by four days
- 180,000 labor man-hours expended with no lost time injuries
- Project construction & commissioning completed exactly on schedule
- No lost production due to work associated with the new line
- Over 700 tons of new structural steel installed
- Process lines in full production two weeks ahead of initial schedules
- 4 crafts, with 100 to 150 tradesmen, within an 80' x 100' area

PROJECT HIGHLIGHTS

- Safety planning in all phases of the project
- Excellent cooperation & coordination between Plant operations & construction activities
- Experienced subcontractors, familiar with the existing facility
- Well researched, planned and executed plan for raising the building roof 30 feet to make room for the new process
- Experienced Project Team capable of “parallel” engineering
- Abandoned utility identification, removal and relocation
- Significant underground civil work under operating processes