



FABRICATION



Forest Electric

New Jersey

An EMCOR Company

What Does Prefabrication Offer? Exactly What You Need. When You Need It.

Prefabrication is an essential part of our design-build methodology, allowing us to take a forward-looking approach and produce custom solutions that can **minimize labor power** while resulting in higher quality work. The shop provides our team a controlled environment that, ultimately, **helps increase efficiency, improve quality, and promote safety.**

Comprehensive Analysis and Project Coordination

It takes expert project management, planning, and coordination to realize the benefits of prefabrication. At Forest NJ, we have the experience and insight to envision a construction project from start to finish, determining which project materials should be prefabricated, at what scale, and exactly when to install them. Our projects begin with a comprehensive analysis—encompassing financial needs, schedule demands, location and jobsite restrictions, a facility's architectural and electrical requirements, etc.—which helps us determine what role prefabrication can play and how best to implement these solutions. And, our advanced material-handling processes, close coordination with other contractors, and trusted vendors relationships help us avoid a number of pitfalls common to inexperienced prefabrication departments.

WHAT CAN WE DO FOR YOU?

Forest Electric Corp.

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forestnj.com

Our Core Prefabrication Offerings

- > Conduit and raceway support systems
- > Equipment- and device-flexible connection assemblies
- > Panel board modifications with conduits
- > Wired and non-wired device assemblies
- > Light fixture prep/Lighting controls
- > Large or small conduit bending
- > Temporary lighting or power
- > Conduit sleeves
- > In-wall assemblies
- > Underground conduit systems
- > Spooling of feeders and branch circuits
- > Multi-tiered conduit assemblies

ACHIEVING AWARD-WINNING LEVELS OF SAFETY

NJSA Excellence in Safety — 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023

National Safety Council, Perfect Record Award — March 2016-February 2021

National Safety Council, Million Work Hours Award — March 2016 – October 2019

CNA Insurance Company, 638,885 Labor Hours with Zero Recordable Injuries — 2018

91st State of New Jersey Governor's Annual Safety Award — 2018

NECA Safety Excellence Award — 2018, 2019, 2024

NECA Safety Ambassadors Medal — 2019, 2021, 2024

NECA Recognition of Achievement Zero Injury — 2019, 2021, 2024

EHS Today One of America's Safest Companies — 2020

National Safety Council Occupational Excellence Achievement Award — 2021

National Safety Council Safety Leadership Award — 2016-2021

Benefits and advantages of prefabrication

Custom designed assemblies, conduits, brackets, controls, and more

Potential to decrease necessary labor power

Greater efficiency and expedited project schedules

BIM technology helps avoid clashes and rework

Streamlined on-site installation process

Less waste and materials on the job site

Closely regulated environment for greater quality control

Minimizing on-site operations helps decrease potential hazards and increase project safety

Forest Electric New Jersey (Forest NJ) operates two full scale fabrication shops—one 15,000-square-foot facility and one 30,000-square-foot facility—with an additional 30,000 square feet of warehouse space. The facility is outfitted with the latest fabrication tools and specialty equipment and supported by our in-house virtual construction designers and BIM experts.