

# JOAQUIN MANUFACTURING CORP.

FABRICATORS · ENGINEERS · CONTRACTORS — SINCE 1978

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JoaQuin Manufacturing Corp. designs, fabricates, and delivers fully integrated prefabricated electrical enclosures from our 30,000+ sq ft facility in Commerce City, Colorado. Since 1978, we have manufactured hundreds of custom buildings for utilities, transit authorities, government agencies, and private industry across the United States. Every structure is engineered to project specifications, factory-assembled with full electrical integration, and delivered site-ready for commissioning.

## PRODUCT LINES

01

### SUBSTATION CONTROL BUILDINGS

Houses protection relays, SCADA, control panels, batteries, and auxiliary power. Engineered for electrical clearances, thermal management, cable routing, and 24/7 operation in extreme environments.

IEEE · NEC · NESC · IBC · NEMA 3R/4

02

### SWITCHGEAR BUILDINGS

Medium and low voltage switchgear, breakers, bus duct, and protective devices. Arc-flash mitigation, heavy equipment load ratings, and multi-side maintenance access designed in from day one.

NEC ART. 110 · IEEE C37 · NFPA 70E

03

### TRACTION POWER SUBSTATIONS (TPSS)

AC/DC conversion for electric rail and transit systems — rectifier transformers, DC switchgear, protection systems. Ballistic-rated assemblies and architectural facade options available.

FTA · APTA · UL 752 · NEC

04

### MCC & POWER DISTRIBUTION BUILDINGS

Motor control centers, panelboards, VFDs, transformers, and auxiliary power. Pre-wired, equipment-mounted, and factory-tested for reduced field labor and faster energization.

NEC · NFPA 70E · IEEE

05

### COMMUNICATION SHELTERS

SCADA, fiber optic, radio, microwave, and data transmission equipment housing. EMI bonding, precision thermal management, integrated cable management, and hardened secure access.

NEC · TIA/EIA

06

### FAA & AVIATION SHELTERS

Purpose-built for navigation aids, approach lighting, ILS, radar, and aviation communications since 1978. Lead-free and asbestos-free certified. Redundant environmental controls for 24/7 operations.

FAA SPECIFICATIONS · NEC

48

YEARS OF  
MANUFACTURING

6+

PRODUCT  
LINES

35+

STATE INSIGNIA  
APPROVALS

95%

ON-TIME  
DELIVERY

ISO 9001

QMS  
CERTIFIED

146+

MPH WIND  
DESIGN ULT

## INDUSTRIES SERVED

ELECTRIC UTILITIES

RENEWABLE ENERGY (SOLAR / WIND)

TRANSIT / RAIL

DATA CENTERS

TELECOM / SCADA

AVIATION / FAA

GOVERNMENT / MILITARY

MINING / INDUSTRIAL

WATER / WASTEWATER

## MANUFACTURING CAPABILITIES

- In-house engineering: structural, electrical, architectural
- PE-stamped drawings available in all 50 states
- 15-step production quality inspection program
- Welded steel skid base construction
- Full electrical integration and factory wiring
- Insulation systems: floor, wall, and ceiling
- HVAC installation and commissioning
- Painting and finishing (industrial and custom colors)
- Dielectric and megger testing on all circuits
- DOT-compliant shipping to all 50 states
- Professional crane offloading and installation support
- State insignia certification (35+ states active)

## • FAA & AVIATION HERITAGE

### AVIATION SHELTERS SINCE 1978

JoaQuin has been delivering aviation shelters to FAA specification for nearly half a century — purpose-built enclosures for approach lighting systems, instrument landing systems, radar, and navigation aids at airports nationwide. Our shelters are lead-free and asbestos-free certified, with fully integrated electrical systems including New Bedford equipment.

**FAA SYSTEMS:** ALSF/EG (High Intensity Approach Lighting) · MALSR (Medium Intensity Approach Lighting) · ILS Glideslope/Localizer · Outer-Middle Marker · VOR/DME · Engine Generator Shelters

**AIRPORT LOCATIONS SERVED:** St. Louis International, Washington Dulles International, Harrisburg International, Seattle, Salt Lake City, San Francisco, Denver, Omaha, Fresno, Cheyenne, Pueblo, Durango, Broomfield, Pago Pago (American Samoa), and others.

**INTEGRATION:** New Bedford equipment, UPS systems, terminal boxes, surge arrestors, distribution panels, HVAC systems, Kohler generator packages with automatic transfer switches.

## CERTIFICATIONS & STANDARDS

- ISO 9001:2015 Quality Management System (third-party certified)
- DBE Certified — Colorado and multiple states
- MBE Certified — Colorado
- 49 CFR Part 26 Qualified
- Minority-Owned Small Business Enterprise
- NEC, NFPA, IEEE, IBC, ASCE 7 compliant
- Seismic design capable — all categories (A through F)
- Wind design to 146+ MPH ultimate (ASCE 7 Exposure C)
- American steel — domestic sourcing with full MTR traceability
- Third-party weld inspection and structural certification
- Material heat-lot tracking and mill certification records
- QC records retained minimum 10 years

## READY TO START YOUR PROJECT?

Contact our team for a quote, specifications, or to discuss your project requirements.

[SALES@JOAQUINMC.COM](mailto:SALES@JOAQUINMC.COM)

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