

RuggedSpec II™



Faster to the site.  
Stronger to protect.

PACKAGED EQUIPMENT CENTERS



## RuggedSpec II™ Packaged Equipment Centers

# Reliable protection with faster turnaround when you need it most

From the harshest environments to the most complex configurations, custom-engineered packaged equipment centers from AZZ keep equipment protected and running longer at peak performance. With fast turnaround and expedient delivery, AZZ can meet the most demanding schedules.

### **Built to adapt. Built for value. Built to last.**

AZZ offers the most durable and safest packaged equipment centers to date. RuggedSpec II centers are modular for any environment to provide the reliable security you require from power distribution and control centers to custom configurations. Constructed with enhanced strength and resiliency, AZZ's rugged base and interlocking Galvannealed A60 steel interior and exterior panels withstand the harshest conditions – year after year.

Each packaged equipment center option features a structural base constructed for mounting on pad, pier or vault foundations, eliminating the need for costly full slabs and providing maximum design flexibility. Because the total package is factory-built, wired, and tested before shipment, minimal on-site assembly or interconnects are required – reducing weather or coordination delays. Only incoming and outgoing electrical connectors are necessary after positioning on a suitable foundation.

### **AZZ manufacturing capabilities have you covered**

RuggedSpec II Packaged Equipment Centers can be custom designed to house switchgear, motor control centers, motor starters, variable frequency drives, relay and control panels, and other electrical equipment. AZZ's three US-based manufacturing facilities can construct centers up to two stories in height in an indoor, climate-controlled environment. This eliminates exposure to damaging contaminants and outdoor elements. And through streamlined manufacturing production processes, AZZ has the unique ability to quote, build, and deliver faster than ever – minimizing startup delays to meet your tightest schedules.



## ENHANCED QUALITY FOR BETTER PROTECTION

RuggedSpec II™ Packaged Equipment Centers are engineered with the highest quality standards. Constructed with enhanced strength and resiliency, AZZ's rugged base and higher steel construction are more rigid and durable. Interlocking Galvannealed A60 interior and exterior steel panels with fewer fasteners provide greater strength and resistance to corrosion and weather intrusion. Packaged equipment centers can be designed to meet or exceed regulatory requirements governing our customers' industries and all nationally recognized electrical and building codes.





## STANDARDS AND CAPABILITIES

- **International Building Code (IBC)**
- **NFPA 70-NEC:** Safe installation of wiring and equipment
- **NEMA 250:** Enclosures for electrical equipment
- **NFPA 496:** Purged and pressurized enclosures for electrical equipment
- **UL 50E:** Safety enclosures for electrical equipment, Environmental considerations
- **C37.20.2 (Rain Test):** Metal-Clad switchgear
- **AWS D1.1, D1.3, D1.4:** Structural Welding Code (Steel, Sheet Steel, Reinforcing Steel)
- **CWB: CSA Standard W47.1** for fusion welding of steel
- **City of LA Fabricator License**



## STANDARD RUGGEDSPEC II FEATURES

- Pre-engineered designs meet or exceed latest standards of IBC, IEC, or ComCheck as required by local jurisdictions
- Modular construction with custom interior widths, lengths, and heights to conform to equipment dimensions and exterior dimensions and modules which facilitate trailer transportation
- Common components designed from stock inventory (including base structures, floor plates, wall panels, and roofs) provide significant cost savings
- Factory-built advantage mitigates schedule delays due to weather and other factors related to on-site construction
- Optional ballistic, fire, explosion, and electro-magnetic resistant designs with ArmArrest™ technology

## SUPPORT FROM DESIGN TO DELIVERY

- Dedicated expertise and support throughout every phase of the project, from site visits and design specifications to construction and on-site installation
- Ability to install any major electrical equipment, interconnection services and power cabling of electrical equipment in a factory environment
- Full integration and testing of the entire center prior to delivery

## QUALITY ASSURANCE

- The capability to meet or exceed regulatory requirements governing our customers' industries
- Meets the exceptionally high certification standards of:
  - CSA-A660 quality certification for steel building systems
  - ISO 9001: quality management system
- Stringent third-party certifications and an unwavering commitment to quality
- A level of confidence and trust only achieved by partnering with a global leader in infrastructure enhancement

## COST-EFFECTIVE SOLUTION

- Modular, factory-built, cost-effective alternative to on-site construction
- Eliminates field labor costs and provides significant efficiencies
- Dedicated resources and streamlined manufacturing production processes

## COMPREHENSIVE FACTORY TESTING

- Testing of ancillary devices
- Testing of utility circuits, power cabling and interconnects after installation
- Continuity testing standard. Megger and hi-pot testing available.
- Designed to meet rain test criteria for IEEE Std. C37.20.2-2020

### AZZ Packaged Equipment Centers

**1801 E. 27th St. Terrace**  
Pittsburg, KS 66762  
(620) 231-6900

**3011 Millington Road**  
Millington, Maryland 21651  
(410) 928-7700

**1919 W. Polymer Drive**  
Chattanooga, TN 37421  
(423) 894-9268

