



RYAN KNOWLES

SENIOR MANAGER, INDUSTRIAL BUILDINGS

YEARS WITH INTERTEK: 6 - YEARS IN INDUSTRY: 22

Responsible for day-to-day technical operations overseeing plan review, inspections, and consulting for industrialized building projects. Ensures compliance with applicable building codes and state-specific regulations across U.S. modular programs. Verifies adherence to U.S. standards for off-site construction and provides consulting support for modular projects entering the U.S. from international markets, guiding clients through regulatory requirements and approval pathways.

Education

2001-2005 Kalamazoo Valley, Kalamazoo, MI

AS Degree, Architectural Drafting

Certifications

International Code Council

- Mechanical Inspector
- Commercial Plumbing Inspector
- Residential Mechanical Inspector
- Building Inspector
- Plumbing Inspector
- Commercial Building Inspector
- Residential Combination Inspector
- Accessibility Inspector/Plans Examiner
- Commercial Mechanical Inspector
- Residential Electrical Inspector
- Building Plans Examiner
- Plumbing Plans Examiner
- Residential Building Inspector
- Residential Plumbing Inspector
- Mechanical Plans Examiner
- Commercial Electrical Inspector
- Electrical Inspector
- Commercial Combination Inspector
- Combination Inspector
- Electrical Plans Examiner

Project Experience

Modular Programs & Manufacturing Consulting

- Advise clients on navigating 30+ state modular programs across the U.S., aligning projects with varying regulatory frameworks and approval pathways
- Provide strategic guidance on program selection, compliance approach, and jurisdictional requirements
- Support manufacturing facility setup, including process development, quality control systems, and inspection readiness
- Implement best practices to improve efficiency, compliance, and scalability within modular operations

Modular Plans Examiner

- Review design documents during development to ensure compliance with occupancy classifications and applicable codes
- Evaluate compliance across all major disciplines:
 - Building Code
 - Fire/Life Safety
 - Plumbing
 - Electrical
 - Mechanical
 - Structural
 - Accessibility (ADA and applicable state requirements)
- Coordinate with design teams to resolve deficiencies and maintain project timelines

Commercial and Residential Combination Inspector

- Perform multi-discipline inspections throughout all phases of construction (factory and/or site as applicable)
- Identify and communicate non-conformance issues with clear, actionable direction for resolution
- Verify compliance with approved plans, applicable codes, and state program requirements
- Audit engineering and quality control processes to ensure alignment with code requirements and standard engineering practices

State Specific Certifications

- State of Florida SMI and SMP
- State of Ohio IU Inspector
- State of California QAI

