



OFF-SITE CONSTRUCTION SOLUTIONS FOR TODAY'S CHALLENGES

The building industry is facing multiple challenges, including those identified below. The expanded use of off-site construction (often called modular or prefabrication) is one approach to address these challenges.



QUALITY



WORKFORCE



SUSTAINABILITY



SPEED TO MARKET



AFFORDABILITY



JOBSITE SAFETY

The International Code Council's family of solutions offers multiple solutions to support the safe and efficient use of off-site construction.

Design, Fabrication, Construction and Assembly

ICC/MBI STANDARD 1200: Standard for Off-Site Construction: Planning, Design, Fabrication and Assembly (in development)

ICC G5-2019 Guideline for the Safe Use of ISO Intermodal Shipping Containers Repurposed as Buildings and Building Components

DESIGN

[NTA Structural Design Services](#)

FABRICATION

[IAS Accreditation for Manufacturers/Fabricators](#)

- AC472: Accreditation of Fabricator Inspection Program for Metal Building Systems
- AC157: Accreditation Criteria for Inspection Programs for Prestressed/Precast Concrete Panels
- AC172: Accreditation Criteria for Inspection Programs for Structural Steel

[ICC-ES Product Evaluations](#)

- AC04: Sandwich Panels
- AC340: Patio Covers
- AC509: 3D Automated Construction Technology for 3D Concrete Walls
- AC462: Shipping Containers
- AC14: Pre-Fab Wood I-Joists

CONSTRUCTION & ASSEMBLY

[IAS Accreditation of Assemblers](#)

- AC478: Accreditation Criteria for Inspection Practices of Metal Building Assemblers

Permitting, Plan Review and Inspection

ICC/MBI Standard 1205: Standard for Off-Site Construction: Inspection and Regulatory Compliance (in development)

PLAN REVIEW & PERMITTING

[IAS Accreditation Under AC251](#)

- Accreditation Criteria for Regulatory Agencies and Third Parties Providing Building and/or Property Code Enforcement Services

[NTA Third-Party Plan Review Services](#)

[ICC Training & Certifications](#)

- Off-Site Construction Specialty Course Catalog in the Learning Center

INSPECTION

[IAS Accreditations](#)

- AC98: Inspection Agency Accreditation
- AC291: Special Inspection Agency Accreditation

[ICC Training & Certifications](#)

- Off-Site Construction Specialty Course Catalog in the Learning Center

[NTA Third-Party Inspection Services](#)

[NTA Product Testing](#)

[ICC-ES Product Evaluations](#)



Contact the International Code Council MENA (Middle East & North Africa) office for more information:

One Central, Dubai Association Centre, Dubai, United Arab Emirates - P.O. Box 9292, Tel: +971-4-5163035, Mob.: +971 52 2673007, Email: m.amer@iccsafe.org