



International Accreditation Service

A Subsidiary of the International Code Council

5360 Workman Mill Road
Whittier, CA 90601 USA
(562) 699-0541, x3309
Toll Free 1-866-427-4422
Fax (562) 699-8031
www.iasonline.org
info@iasonline.org



Helping Building Departments Approve Inspection Programs

FOR MANUFACTURERS OF METAL BUILDING SYSTEMS

Benefits of Accreditation for Building Departments

- Compliance with special inspection requirements in Chapter 17 of the *International Building Code*®
- Eliminates the need for additional inspections
- Assurance that fabricators are knowledgeable about code requirements
- Cost savings to verify code compliance of metal building fabrication
- Expedites the approval process
- Assurance that metal building manufacturers have a qualified staff and a well-managed quality system
- Confidence in working with an ICC subsidiary and organization that has served the building departments for a quarter of a century

About the International Accreditation Service

International Accreditation Service, a subsidiary corporation of the International Code Council®, evaluates and accredits building departments, special inspection agencies, testing and calibration laboratories, fabricator inspection programs and inspection agencies, product certification agencies, field evaluation bodies, training agencies, and curriculum developers. IAS is a nonprofit, public-benefit corporation and one of the most experienced accreditation bodies of its type.

About the International Code Council

The International Code Council® (ICC®), a membership association dedicated to building safety and fire prevention, develops the codes used to construct residential and commercial buildings, including homes and schools. Most U.S. cities, counties, and states choose the *International Codes*®, building safety codes developed by the International Code Council.



08-01252



1-866-427-4422 | www.iasonline.org

Meeting IBC Chapter 17 Requirements

Code officials can now accept accreditation from the International Accreditation Service® (IAS®), an ICC subsidiary, as evidence that the inspection programs of metal building manufacturers are in compliance with requirements in Chapter 17 of the *International Building Code*® (IBC®).

IAS accreditation measures a manufacturer's ability to conform to approved construction documents and standards referenced in building codes through onsite assessment and periodic monitoring by IAS-accredited third party inspection agencies.



Essential Requirements for Accreditation

The IAS Accreditation of Inspection Programs for Manufacturers of Metal Building Systems is based on IBC Chapter 17 and IAS Accreditation Criteria (AC472). The program addresses essential requirements necessary for code officials to deem IAS-accredited entities as approved fabricators, including:

- Inspections of fabricator and engineering design facilities
- Personnel requirements
- Product traceability
- Process control
- Ability to manufacture buildings in accordance with approved plans
- Technical standards

Key Elements

To achieve accreditation, the manufacturer must put in place a comprehensive quality-assurance program unequalled in the marketplace today. The IAS accreditation criteria (AC472) addresses quality management system elements for engineering, fabrication and shop practices, personnel requirements, materials certification, process control, and technical requirements. The program requires comprehensive material and workmanship

traceability. Documentation will allow an owner to trace materials all the way from the maker of the steel to the erection of the finished product.

IAS AC472 covers three areas of quality in workmanship and building integrity:

- Structural welding (modeled after AC172: Fabricator Inspection Programs for Structural Steel)
- Cold-formed steel fabrication
- Engineering

Endorsed by the Metal Building Manufacturers Association, the IAS Metal Building System Accreditation Program replaces the American Institute of Steel Construction (AISC) MB certification. The IAS program focuses on the inspection programs of manufacturers, their compliance with Chapter 17 of the IBC and the ability of a metal building manufacturer to demonstrate its technical competence as determined by initial and periodic onsite assessment by IAS and IAS-accredited inspection agencies.

To learn more about IAS Accreditation, please visit www.iasonline.org, call toll-free 1-866-427-4422, or e-mail info@iasonline.org.