

What is the IAS AC472 Accreditation Program?

The International Accreditation Service (IAS) AC472 Accreditation Program is the most comprehensive quality assurance accreditation program of its kind. A unique characteristic of the IAS Accreditation Program is that it audits the integrity of design engineering and manufacturing processes.

It focuses on several key areas:

- Audit of order documents providing the customer With clear information on what he/she has ordered.
- Audit of the design/detailing process to assure adherence to requested codes and to confirm that the project requirements are met in a rational engineering manner. This audit not only covers the building-code applications but also the proper use of design standards such as AISC, AISI, etc.
- Audit of raw material usages including proper ASTM standards, ordering practices, tracking of mill certifications, product traceability, etc.
- Audits assure comprehensive traceability of materials and workmanship.
- Audit of manufacturing practices including machinery calibrations, measuring tools, weld certifications, etc.
- Audits to ensure the metal building manufacturer has a well-managed quality assurance system and a qualified staff. This includes verification of licensed professional engineers who design and detail the metal building system, and certified weld inspectors.

This is all verified annually through two on-site inspections of the firm's design and manufacturing facilities and of representative projects to confirm that the appropriate standards are in place and being applied.

This assures contractors that their manufacturer has comprehensive quality assurance processes in place that provide high-quality, reliable buildings.

Why require an accredited manufacturer?

Requiring an AC472-accredited manufacturer provides an extra level of assurance that your building supplier's engineering/order/design/ fabrication processes all conform to high-quality standards and are evaluated by a respected independent third party.

Other advantages, which expedite the building approval process, include: building officials can deem AC472-accredited manufacturers as approved fabricators as defined in Chapter 17 of the 1 International Building Code; elimination of additional inspections; cost savings to verify

code compliance of metal building fabrication; and assurance the metal building manufacturer's staff has a well-qualified quality system in place.



ACCREDITED

Benefits to the Contractor

Benefits to the contractor include:

- Your local building code official has the means to approve the inspection programs of manufacturers involved in the fabrication of metal building systems and meet the requirements of Chapter 17 of the IBC. This should expedite the approval process.
- By requiring accreditation, you can be assured that suppliers have passed the stringent audit requirements of the IAS accreditation.
- Allowing only accredited suppliers helps protect your good name by guaranteeing that an audited supplier is on the project.
- Since the building supplier is doing the structural design, accreditation assures that the product is designed by professional engineers with demonstrated knowledge of building systems and applicable codes.
- Accreditation requires that the manufacturer has a certified weld inspector, uses raw materials that comply with applicable specifications and can provide product and workmanship traceability.
- Accreditation requires that Letters of Certification and erection drawings are clearly written and show all necessary information for the proper erection of the building.

How can you be sure your building is coming from an IAS-accredited manufacturer?

Only accept bids from IAS-accredited manufacturers. Check the complete list of accredited companies and facilities (www.iasonline.org/Metal_Building_Systems/MB.html). If your building brand is not listed on that website, you should ask why the manufacturer has not been accredited.

All Certification Programs Are Not Equal

Do not be confused by other certification programs, such as ISO or the AISC Fabricators Program. These programs are valuable for some forms of construction, but only the IAS Accreditation Program addresses all aspects of a metal building system manufacturer's operation, including design engineering.

Call **800.643.5555** with questions.



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STEEL BUILDINGS, BUILT TO LAST





CERTIFICATE OF ACCREDITATION

This is to attest that

HERITAGE BUILDING SYSTEMS, A SUBSIDIARY OF NCI BUILDING SYSTEMS, INC.

2612 GRIBBLE
NORTH LITTLE ROCK, ARKANSAS 72114

Inspection Program for the Manufacture of Metal Building Systems MB-145
(Operating within the corporate umbrella of NCI Building Systems, Inc. MB-110)

has met the requirements of AC472, *IAS Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems, Part C-Design of Metal Building Systems*, and the in-plant inspection program is in compliance with Section 1704.2.5.1 of the 2015 and 2018 *International Building Code*®, Section 1704.2.5.2 of the 2012 *International Building Code*®, and Section 1704.2.2 of earlier code editions. Periodic plant inspections are conducted by Architectural Testing, Inc. (AA-676) to monitor compliance with the requirements of AC472.

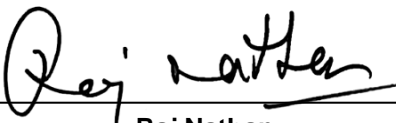
This certificate is valid up to February 1, 2020.

(Accreditation does not cover the product or the specific design or performance characteristic of the manufactured products)



This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.




Raj Nathan
President