PREAMBULO AL CHOC-26
Código Hondureño de Construcción

- ¿Que es el CHOC ?

Código Hondureño de Construcción.
Define requisitos técnicos mínimos para la obra Civil en edificaciones.
Aplicable en todo el territorio nacional.
Fundamentado en normas internacionales y adaptado

Breve historia del CHOC

- Publicado oficialmente por el CICH en 2008
- Declarado como norma técnica Nacional de Construcción el 22 de Diciembre del 2010 por el C.N.
- Unificó criterios estructurales del ACI, AISC, ASCE y otros.
- Fue pionero al establecer parámetros sísmicos nacionales
- No había sido actualizado desde el 2008

¿Porqué es necesario actualizar el CHOC ?

- Nuevos avances tecnológicos y normativos.
- Necesidad de modernización técnica y compatibilidad internacional. Incorporando el diseño SISMO-RESISTENTE del ACI-318-19
- Incorporacion de Elementos Geotecnicos

Objetivos del CHOC -26

- Mejorar la seguridad estructural nacional.
- Unificar criterios técnicos entre profesionales
- Incorporar buenas prácticas y normativas internacionales actualizadas.

Estructura del CHOC-26

- División en capítulos principales:
  - Clasificación de Cargas y Factores
  - Estructuras de concreto
  - Estructuras de acero
  - Estructuras de madera
  - Cimentaciones y geotecnia
  - Cargas para Puentes

Novedades y limitaciones del CHOC-26

- Convenio con American Concrete Institute (ACI):

Se legalizó la referencia del ACI para diseño en estructuras de concreto.

- Actualización de diseño de Estructuras de Acero en Función del AISC 360-16.
- Inclusión y énfasis en el análisis dinámico:
- Incorporación Modulo Geotecnia.
- Incorporación Modulo Cimentaciones

Consideraciones de Data de Mapas del CHOC-26

Mapa de Zonificación Sísmica RESIS II con un periodo de retorno de 500 años.

Mapa de Zonificación de Vientos incluyendo factores de corrección basado en IBC-21 (International Building Code)

MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding (MOU) made this 5th day of Mar., 2025, by and between the Colegio de Ingenieros Civiles de Honduras ("CICH") its successors or assigns, with offices located at Col. Florencia Norte, 3rd Street, Tegucigalpa MDC, Francisco Morazan, Honduras, and the American Concrete Institute ("ACI") with offices located at 38800 Country Club Drive, Farmington Hills, MI 48331 USA, supersedes any existing or previous agreements between ACI and CICH (hereinafter referred to as the "Parties"/singular "Party").

This MOU will replace the original IPA signed on _____Not Applicable_____.

The purpose of this MOU is to increase collaboration and cooperation between the Parties for the purpose of improving concrete construction by making technical expertise of each Party available to the other through publications, meetings, conferences, internet links, committee membership, certification activities, and any other activity as mutually agreed *(see attached for details)*.

This MOU may be terminated by either Party with thirty (30) days written notice.

Neither Party may use the other's name in a way that would imply endorsement of its technical reports or publications unless that publication has been reviewed and approved in a separate writing for use as a joint publication.

As the Parties have entered into this MOU to improve concrete construction by making the latest technological knowledge available, their authorized representatives hereby sign and commit each Party to the activities described herein. This is a non-exclusive MOU to signify the cooperative efforts of the Parties.

By:
Colegio de Ingenieros Civiles de Honduras (CICH)

Signature — Date: 20 Marzo 2025
Eng. Bayardo Pagnada, President

By:
American Concrete Institute (ACI)

Signature — Date: 03/05/2025
Frederick H. Grubbe, Executive Vice President

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THE PARTIES AGREE TO THE FOLLOWING COOPERATIVE EFFORTS

Member Benefits
Identify one staff member, or designee, to receive each other's member benefits, communications, and other information.

Events
Co-sponsor conferences, seminars, or other educational activities, with/without financial commitment.

Meetings at Party headquarters and conventions are encouraged. Each Party's members may register for the other's conventions, meetings, and events at member rates.

Marketing
Promote the MOU on each Party's website and link to the other's website.

Publicize the programs, activities and products of the Party as agreed upon.

Publications
Provide each other with complimentary electronic subscriptions to all periodicals.

OTHER POTENTIAL COOPERATIVE EFFORTS – Select by marking with an X.

Strategic Alignment with ACI Centers of Excellence

_ Join NEU, an ACI Center of Excellence for Carbon Neutral Concrete, as an Allied Organization. Requires completion of a separate agreement with NEU. NEU Member Prospectus

_ Join NEx, an ACI Center of Excellence for Nonmetallic Building Materials, as an Allied Organization. Requires completion of a separate agreement with NEx. NEx Member Prospectus

_ Join PRO, an ACI Center of Excellence for Increasing Concrete Construction Industry Productivity, as an Allied Organization. Requires completion of a separate agreement with PRO. More PRO Info

Certification

_ Participate in ACI Certification programs as a Sponsoring Group (if available in your location).

_ Co-develop country specific ACI Certification programs.

Education

_ Promote free ACI membership to students.

_ Encourage university professors to join ACI Faculty Network.

_ Utilize ACI University (Online Learning) to further educate concrete industry professionals.

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Events

_ Publish the proceedings of your conferences as part of ACI's International Publication Series.

_ Reciprocal complimentary registration for one staff member, or designee, at each other's events.

Marketing

_ Develop joint awards for outstanding service to the concrete industry.

_ Submit nominations for the annual ACI Excellence in Concrete Construction Awards.

Membership

_ Develop joint membership program for individual members.

_ Form an ACI Chapter.

Publications

_ Become a distributor for ACI products and services (terms and arrangements will be negotiated).

_ Direct link to Party's web bookstore so members can purchase publications at a discount off non-member price. Each Party will handle processing and shipping of orders received.

_ Purchase the other's publications for reference and library purposes at member prices.

_ Produce licensed translations of ACI technical and educational documents (separate written agreement required).

_ Produce a version of an ACI document that reflects local practices.

Technical

_ Join Technical Committees and share committee information (mission, contact info, rosters, etc.).

_ Your organization could become a "Liaison" of an ACI technical committee.

_ Add your electronic abstracts (in English) to the ACI International Concrete Abstracts Portal.

_ Conduct joint technical sessions at ACI conventions.

_ Form an ACI 318 Regional subcommittee for creation / management of a regional version of ACI 318.

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Muchas Gracias