



Potential challenges for developing countries in the manufacture and construction of pressure equipment

6, 7, 8 May 2025

Deepak Acharya

Webinar – NOW AVAILABLE – Register below

With the advent of greater demand for online training, HERA, IIW-India, SAIW and the CWB Association are cooperating and collaborating to transfer the knowledge and experience of world experts into as many countries on a global basis.

The four organisations will arrange for webinars and eCourses to be presented by such world experts to meet the challenges of different time zones, the need to assist individuals and industries to optimise their training times as well as improve their national welding capabilities.

You can make enquiries and bookings with each organisation offering the webinar or course most suitable for your needs.

Links for registration for this Webinar are given later in this brochure on page 4.

This presentation is brought to you by:

Mr Deepak V. Acharya

Chief Executive Officer

INOX India Limited

Immediate Past President,

Indian Institute of Welding (IIW-India)

Contacts at each organisation for more detailed discussion on this Webinar:

Max Ceron • CWB Association • email: Max.Ceron@cwbgroupp.org • Americas

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Potential challenges for developing countries in the manufacture and construction of pressure equipment



Presenter: Mr Deepak V. Acharya

CEO of INOX India Limited and the immediate Past President of the Indian Institute of Welding (IIW-India).

This presentation will give particular attention to the following areas:

- Key challenges in the Indian fabrication and construction industry
- Some methods of meeting the technological and personnel challenges
- The role of IIW-India in improving India's National Welding Capability
- Improving the UN Sustainable Development Goals (SDGs)

Mr Deepak Acharya is presently the Chief Executive Officer of INOX India Limited with 1184 employees over four sites in India. He has over 33 years experience in key functions such as design, engineering, manufacturing, quality, procurement, product development and customer relations.

He has both a Bachelor's degree and a Master's degree in Mechanical Engineering as well as being qualified as an International Welding Engineer (IWE).

Deepak also has a postgraduate diploma in Marketing and Sales management, an Executive Diploma in Finance Management and a Diploma in Japanese language.

He is highly involved in committees recommending regulations and policies to the Indian Government such as:

- Representing industry for formulating LNG pressure vessels designs, fabrication, welding guidelines for the Indian Statutory body Petroleum and Explosives Safety Organisation (PESO)
- Formulating guidelines for the Indian Hydrogen Mission

- Rules and Regulations Committee for Cryogenic Pressure Vessels formulated by Bureau of Indian Standards

The presentation will cover various **INOX India Limited** projects. The company is involved in the manufacturing, fabrication and construction of specialised cryogenic equipment including cryogenic tanks and vacuum insulated cryogenic vessels for industrial gases, LNG, hydrogen, helium and cryo-scientific areas. This involves developing specialised equipment and techniques for welding, fabrication and inspection of such equipment.

The company is constantly working on Green Energy initiatives and reducing carbon foot print and has designed and delivered Liquid Hydrogen Storage vessels which are certified by Korean Statutory Authorities. With the challenges of meeting the ever-growing health related needs for oxygen during the Covid Pandemic, major expansion of its oxygen facilities has taken place.

Such projects also require the maintenance/ approval/ revalidation from ASME, DOT-US, EN Certification and approval from major Industrial Gas and LNG companies for the supply of Cryogenic Equipment for the domestic and Global market.

Besides the technical challenges which arise, major challenges also exist in ensuring employees are trained regularly to keep pace with the advance of modern technologies on a regular basis and monitored to ensure compliance in all activities.

For example, after successful on-the-job training of women welders, they are now regularly using their welding skills for critical fabrication of cryogenic vessels. It is a matter of pride for all at INOX India Limited that two women welders recently participated in National Welding competitions and have received runners-up prizes.



WHERE and WHEN:

The WEBINAR will be of one and a half hours duration including half an hour for questions and discussion. It will be held on three separate occasions to accommodate the four different regions of the globe: The Americas; Africa and Europe; Indian sub-continent, Asia and Australasia.

WHO SHOULD ATTEND?

Personnel of all types and at all levels in manufacturing, fabrication, construction, maintenance, standards, regulatory, education, training and research organisations related to design, fabrication and construction are welcome to attend. Delegates are welcome to bring along their questions to contribute to discussions and positive outcomes.

WHAT INDUSTRY SECTORS IS THE WEBINAR RELEVANT FOR?

All fabrication and construction related industry sectors will benefit from involvement in the webinar.

IIW-India and its role in India’s National Welding Capability

In his role as IIW-India President, Deepak was involved in a number of key initiatives including the following which will enable IIW-India to be poised for a quantum leap in India’s economic growth as well as present ideas for others to consider:

1. A Memorandum of Understanding (MOU) signed between IIW-India and Pandit Deendayal Energy University (PDEU) - Gandhinagar to start a Research & Development (R&D) Centre in welding in the western part of India which will help young welding engineers and researchers to contribute to welding technology and science. This R&D Centre will be supported by Industry, Academic Institutes and will be a State-of the Art facility for welding researchers.
2. The establishment of a Skill Development and Welding Excellence Centre with ITM (SLS) Baroda University.
3. The inauguration of an IIW-India “Women Wing” which will help women empowerment, gender equality and promote women in the field of welding.
4. The initiation of the Welded Marvels project “Trash to Treasure” which has helped welders to showcase their innovative approach and progressive thinking through their skills.
5. Very active student chapters established to promote interest in welding education among engineering students in all parts of the country including helping students being given opportunities in the welding field.
6. The establishment of the United Nations Sustainable Development Goals (SDGs) for active implementation by IIW-India and Indian welding industry.
7. Various MOUs have been signed by IIW-India including with:
 - Cloos India Welding Technologists Pvt. Ltd. & Nextgen Plasma Pvt. Ltd. for training operators on Robotic Arc Welding.
 - Marathwada Auto Cluster Skill Development and Welding Excellence Centre.
 - M/s. Fronius India Pvt. Limited for Wire Arc Additive Manufacturing (WAAM) to provide technological know-how and training to industries and research institutes.
 - International Automobile Centre of Excellence (iACE)
 - Indian Machine Tools Manufacturers’ Association (IMTMA) and IIW India hosting the WELDEXPO 2024 during IMTEX 2024 at Bangalore.



SAIW South Africa (Africa and Europe regions)

COURSE PART	COURSE DATE	LOCATION / TIME ZONE / STARTING TIME
1	Tuesday, 6 May 2025	Johannesburg, Genoa 12:00-13:30, Mumbai... .. 15:30-17:00 London, Lisbon and Nigeria .. . 11:00-12:30 Istanbul .. . 13:00-14:30

• **Registration Link:**

<https://www.saiw.co.za/win-webinar-potential-challenges-for-developing-countries-in-the-manufacture-and-construction-of-pressure-equipment-06-may-2025/>

CLICK HERE TO REGISTER

IIW-India (Sub-continent plus other Middle East and Asian regions)

COURSE PART	COURSE DATE	LOCATION / TIME ZONE / STARTING TIME
1	Wednesday, 7 May 2025	India, Sri Lanka .. . 10:00-11:30 Bangladesh .. . 10:30-12:00 Saudi Arabia, Kuwait, Bahrain .. . 07:30-09:00 Singapore, Perth, Shanghai 12:30-14:00 Seoul and Tokyo 13:30-15:00 Sydney 14:30-16:00 Auckland. 16:30-18:00

• **Registration Link:**

<https://tinyurl.com/chffj4ch>

CLICK HERE TO REGISTER

CWB Group Canada (Americas North and South)

COURSE PART	COURSE DATE	LOCATION / TIME ZONE / STARTING TIME
1	Thursday, 8 May 2025	Toronto, Santiago 09:00-10:30 West Coast Canada and USA 06:00-07:30 Rio de Janeiro .. . 10:00-11:30

• **Registration Link:**

<https://www.eventbrite.ca/e/challenges-for-developing-countries-with-construction-of-pressure-equipment-tickets-1310350466519?aff=oddtcreator>

CLICK HERE TO REGISTER

Register Today – To register, follow the registration links above.

Cost – The webinar is free to all applicable areas. Membership may be required.

Cancellations – *Please note:* The organisers reserve the right to cancel the webinars due to insufficient registrations or other reasons beyond their control, as well as altering the programme if they deem it necessary. The organisers also have the right to refuse registrations.

Stay tuned for future webinars and courses by WIN!!