Not getting hurt is a basic human right

People have a right to not get hurt, no matter where they are. Sadly, the high hazard industries have not always measured up against this moral imperative and the Institution of Chemical Engineers (IChemE) recognises that eternal vigilance, proactive learning and constant improvement are the price of outstanding safety performance. This was the driving force that catalysed the idea of creating a new IChemE Safety Centre (ISC).

The centre will celebrate its sixth anniversary at the beginning of next year. It has grown rapidly from its modest beginnings back in January 2014 when six founding partners came together with the aim of creating a new framework for process safety built around leadership across six functional areas.

- Knowledge and competence
- Systems and procedures
- Human factors
- Engineering and design
- Assurance
- Culture

These areas are relevant for all industries, at all points in the business life cycle. In acknowledging this proposition, the founding partners unlocked a powerful learning process and the ISC began to explore and develop the concept of sharing for safety across different industries.

Today, as 2019 draws to a close, the ISC provides a dynamic network for 37 companies, along with a further 35 supporting partners and collaborators from academia, government and other process safety centres of excellence.

This short report expands on the values and behaviours that underpin our work. It describes our achievements to date and it sets our ambitions for the years ahead. IChemE does not have a monopoly on wisdom and we recognise that safety is not proprietary; that is why the centre aims to share best practice and encourage others to do likewise. Join us on the journey to process safety excellence at the ISC.

Stay safe.

Trish Kerin

Trish Kerin
Director, ISC
September 2019
Collaborators

we will respect our partners by keeping our promises and doing what we say we will do. We always want to do things better today than we did yesterday. Our expectations are high and we constantly seek continuous improvement. We will collaborate with others whenever it is appropriate to do so. Process safety depends on partnership and we will respect our partners by keeping our promises and doing what we say we will do.

ISC’s operation is guided by a series of underlying values. These have been agreed by our advisory board. All work programmes and activities are benchmarked against these values.

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We are a values-based organisation

ISC is a thought leader in process safety for the simple reason that creating a world in which the highest standards in process safety are maintained everywhere, at all times, is absolutely the right thing to do. ISC strives to do what is right and we always want to do things better today than we did yesterday. Our expectations are high and we constantly seek continuous improvement. We will collaborate with others whenever it is appropriate to do so. Process safety depends on partnership and we will respect our partners by keeping our promises and doing what we say we will do.

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Operating Partners

The ISC is governed by an Advisory Board which sets the strategic direction for the centre. Margaret Donnan is the independent Chair of the Advisory Board.

The Advisory Board is made up of a representative of each Operating Partner. Membership of the ISC Advisory Board is set out below:

- AusGrid, Representative
- BHP, Marcus Lemmin
- BP, Rob DiValero
- Chevron, Ryan Couzens
- ConocoPhillips, Derek Cross
- ExxonMobil, Kent Alexander
- Oji Fibre Solutions, Patrick Stokes
- Paul Cornford, Orca
- Origin Energy, Patrick Murphy
- Petronas, Sulo Belawan
- Rio Tinto, Representative
- Santos, K B Ramachandran
- Shell, Damian Peake
- Todd Corporation, Representative
- Unilever, Jonathan Jett-Parmar
- Viva Energy, June Yee/Emma Stuart
- Woodside, Dave Harwood

Industry Partners

Employees from these companies play an active role in the centre’s working groups:

- Acting Consulting Training
- AMOC Consulting
- Advisian
- CNA Hardy
- Deloitte Insight
- ERM
- FM Global
- HIMA
- iomosiac
- Industry Risk Control
- IRES Global
- KBR
- Kelvin Topset
- PDV Consultants
- Process Safety Verification
- RAMQ
- RAS Limited
- Risk Consult
- Safety Solutions
- Sherpa Consulting

Supporting Partners

These organisations are invited to participate in ISC activity and support our work:

- Aston University
- Civil Aviation Authority of New Zealand
- Dalhousie University
- Institute of Chemical & Engineering Sciences (A’ Star)
- LatinAmerican Council for Process Safety
- Ministry of Environment and Food of Denmark
- Michigan Technological University
- Monash University
- Newcastle University
- Norwegian Directorate for Civil Protection
- Purdue Process Safety & Assurance Center
- Queensland University Technology
- RMIT University
- SafeWork NSW
- Singapore Institute of Technology
- Universiti Teknologi Petronas
- University of Adelaide
- University of Auckland
- Università di Bologna
- University of Canterbury
- University College Cork
- University College London
- University of Leeds
- University of Limerick
- University of Manchester
- University of Melbourne
- University of New South Wales
- University of Patras
- University of Sheffield
- University of Strathclyde
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Where do we go from here?

The IChemE Safety Centre is committed to continuing to develop and share useful resources in process safety so that everybody, no matter where they are can access the information. These resources need to play their part in improving process safety outcomes. Because nobody should get hurt, anywhere, ever.

We welcome your support and input to our valuable work. Please contact us if you would like more information on the ISC, its work or how it may add value to your organisation.

www.ichemesafetycentre.org
safetycentre@iche.org