



*Chemeca 2025 and Hazards Australasia
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A preview of the IChemE Safety Centre (ISC) Management of Change (MOC) guidance document.

The IChemE Safety Centre (ISC)

ABSTRACT

The MOC guidance was developed by ISC members to promote ongoing improvements in the Management of Change process by offering practical solutions to common challenges seen globally, across industries. The session will include a brief update on the ISC strategy 2025.

The IChemE Safety Centre (ISC) has recently appointed a new team following the departure of founding Director Trish Kerin last year and interim Director, Deb Grubbe, at the end of April. Trish grew the Centre from 6 founding members in 2014 to 57 operating and industry partners and over 60 academic partners in 2024.

The new team is committed to continuing this growth and is in the process of refreshing the Safety Centre strategy and offering to members with input from the member advisory board, Board of Trustees and relevant IChemE members globally.

One of the member projects coming to fruition this year is the ISC-sponsored guidance document to promote ongoing improvement in the Management of Change (MOC) by offering practical solutions to common challenges seen globally, across industries.

Laurence Ledrut, Head of Process Safety at Origin Energy, will present a preview of this guidance. Laurence has two Master's of Engineering in Safety and Environmental Risk Prevention and Engineering Sciences (Chemical). She is a Fellow Engineer and Chartered Professional Engineer with Engineers Australia, Registered Professional Engineer QLD, Functional Safety Engineer (TUV certified), Associate Member of IChemE and Justice of the Peace (Qual). She specialises in Process Engineering and Process Safety Engineering with 19 years of experience covering the lifecycle of assets, across Europe and the Pacific. She is passionate about building an open learning culture and collaboration, to prevent future major hazard accidents

The ISC would like to thank Laurence Ledrut for leading this Project and Origin Energy for its sponsorship and acknowledge the voluntary efforts of the companies and people who contributed to the development of the MOC Guidance document.

Management of Change (MOC) is a key part of any Safety Management System. A formal change management process is used by organisations to assess the risks associated with plant, process, procedural, or organisational changes, whether temporary or permanent, which may impact the safe operation of assets.

If not properly managed, these changes can lead to increased or unforeseen risks to Health, Safety and the Environment (HSE). It is recognised that, while most high-hazard organisations have implemented management of change processes, wider industry experience varies.

Experience has shown that, even in organisations with mature change management systems, common MOC inefficiencies and oversights can undermine effectiveness and elevate HSE risk.

The objective of this guidance document is to highlight commonly experienced Management of Change process issues and share practical recommendations from diverse industry experiences to help improve the effectiveness of existing MOC Processes.

KEY WORDS

Include any key words

BIOGRAPHY

Laurence Ledrut is Head of Process Safety at Origin Energy. She has two Masters of Engineering, in Safety and Environmental Risk Prevention, and Engineering Sciences (Chemical). She is a Fellow Engineer and Chartered Professional Engineer with Engineers Australia, Registered Professional Engineer QLD, Functional Safety Engineer (TUV certified), Associate Member of IChemE and Justice of the Peace (Qual). She specializes in Process Engineering and Process Safety Engineering with 19 years of experience covering the lifecycle of assets, across Europe and Pacific. She is passionate about building an open learning culture and collaboration, to prevent future major hazard accidents.