



TRAINED AND PRACTICING

Kathleen Davies is a trained and practicing Hazard and Operability (HAZOP) study facilitator, who has successfully facilitated and documented over 350 independent studies for repeat clients across multiple industries.

Kathleen has significant experience in facilitating teams in dynamic workshop environments using a variety of methods in addition to HAZOP. She is a member of the International Association of Facilitators (IAF) and the Australian Institute of Health and Safety (AIHS). Her skills have been further enhanced through being a small business Director, volunteer in her local school and Scouts community, active member of Australian Electric Vehicle Association (AEVA), and a former Lean facilitator, Executive member of Prosper Australia, and teacher at National Centre for Sustainability.



DEPTH AND BREADTH OF EXPERIENCE

Kathleen's capabilities have stemmed from over 29 years' experience in engineering, manufacturing management, continuous improvement and consulting. She has demonstrated her transferable skills having worked as an undergraduate scholarship holder with Dow Chemical, 5 years in aluminium smelting (Comalco) then 8 years in the FMCG manufacturing sector (Kraft Foods), before becoming an independent Lean facilitator in 2006, then Director of Ekkremon in 2011.

Her HAZOP experience began in 1998 within Kraft Foods as an internal HAZOP leader, and has continued since 2006 as an independent facilitator. She updated her HAZOP leadership knowledge with Orica Risk Engineering in 2007 and again in 2012. She is a continual learner in the areas of risk and facilitation.

The depth and breadth of her industry experience and knowledge, and her passion and ability to connect with and engage all levels of audience adds to her strength as a HAZOP facilitator.

QUALIFICATIONS

Kathleen is qualified with B.Sc/B.E. (Hons), Cert IV TAA

HAZOP CLIENTS

• *Food, Beverage and Dairy* – SunRice, Sugar Australia, APV, Fonterra, Murray Goulburn, Burra Foods, Tetra Pak, Stainless Designs, Tatura Milk Industries, GEA Process Engineering, SPX Flow Technology, Bega Cheese Limited, HPS Engineering, Bulla Dairy Foods, Warrnambool Cheese and Butter Factory, Process Partners, Andritz, Parmalat, Downer MBL, Barrett Burton Malting, KL Ballantyne, Lion Dairy & Drinks, Black Swan Foods, Lion Beer Wine & Spirits, Carlton & United Breweries, Pactum, Little Creatures Brewery, The A2 Milk Company, SPC Armona, Chobani, Saputo, Fiji Water, CFE Projects & Maintenance, Boag's Brewery, Bright Engineering, Casella Family Brands

• *CIP (Clean in Place) and Chemicals* - Flo-gineering, Nalco

• *Mining and Metals* – South32, Ausmelt Limited, Gekko Systems, MMG Limited, Outotec

• *Construction Materials* - Boral

• *FMGC (Fast Moving Consumer Goods)* - PZ Cussons, Icon Equipment International

• *Energy generation* – Cummins, Bauer Kompressoren, AGL

• *Green Energy* - Green Thermal Energy Technologies

HAZOP FACILITATOR SERVICES

As HAZOP study facilitator, Kathleen offers the following services:

- ✓ Pre-HAZOP client customisation of approach, training, guidewords and documentation.
- ✓ Upfront training of HAZOP team members in HAZOP features objectives and process.
- ✓ Independent facilitation of HAZOP team in identifying and qualitatively risk assessing hazards and operability issues within client P&IDs (Process & Instrumentation Diagrams), in accordance with AS61882.
- ✓ Minute taking of problem and action items (recording by exception) resulting from HAZOP study.
- ✓ Electronic collation of marked-up drawings from study which are provided with Minutes for action at completion.
- ✓ Follow up post-HAZOP.

RISK KNOWLEDGE AND EXPERIENCE

Kathleen has practical knowledge and hands on experience in risk management and systems.

Her experience also includes the facilitation and documentation of:

- ✓ Risk assessments – maintenance, plant & manual handling.
- ✓ Job Safety Analyses (JSAs).
- ✓ Hazard Analysis Critical Control Point (HACCP) reviews.
- ✓ Engineering design reviews.
- ✓ Safety incident investigations and audits.
- ✓ Return To Work and rehabilitation programs.

Kathleen demonstrates due diligence in all aspects of her behaviour.

Kathleen Davies

Facilitating improvement – HAZOP – Lean - Green
Director

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