



## Oliver Schmid

### Principal Risk Engineer

Oliver is a Senior Risk Engineer with more than 25 years' experience in Risk Management, Safety, Loss Prevention, Fire Protection Engineering in Chemistry and Mining Industries. His expertise includes Technical and Fire Risk Management.

Oliver has been instrumental on major projects in risk management, technical and fire protection design, construction, and commissioning.

After his Industrial Risk Engineer graduation and military service, Oliver started fire protection engineering in the chemistry branch in 1998 for the Rhône Poulenc/Rhodia Engineering and Research centre. Most of the fire protection engineering projects covered special and major hazard facilities. Oliver was involved soon in coordinating risk studies, underwriter's recommendation, and client standards to design the appropriate fire systems and followed those through construction to commissioning.

Since 2001 Oliver was involved in mining projects and sent to Australia to assist the Goro Nickel Project (New Caledonia) for fire engineering and compliance with French regulations, followed by the Koniambo Nickel project feasibility study in 2004. Also involved in process risk analysis, Oliver has been instrumental in: fire protection installation design; firefighting, safety equipment specification and layout; fire and explosion modelling; fire system site supervision and commissioning; fire hazard and risk plant auditing.

Joining the international engineering company Hatch in Australia in 2005, he took on the role of Global Fire Risk lead with an expertise in protecting solvent extraction plants. As part of the Hatch risk group, he also developed project fire and technical risk management procedures and templates to assist project execution delivery in implementing the 6 stage hazard studies. His skills have been strengthened with project risk management, as well as Project Value Analysis, constructability and maintainability risk reviews.

Oliver filled the project risk engineer role for several clients in Australia such as BHP Billiton, QNI, Alcoa, QER, Onesteel. He commissioned fire services in Nickel solvent extraction and refinery plants, iron ore pellet plants, and in coal conveyor reclaiming port terminals.

In 2008 he took on the Risk Group Hub lead role for South America covering Chile, Brazil, and Peru managing a team of 8 risk engineers. He assisted: BHPB (Chile) with constructability and value analysis reviews for a desalination plant; Noracid with a performance - viability - cost risk assessment for a Sulphuric Acid Plant; Codelco on several projects for risk and trade off studies; Corumba Iron and Steel Plant with project risk and investment plans.



Oliver then joined the Koniambo project as Risk Manager in New Caledonia to cover construction and commissioning phases. The Glencore site includes port and mining infrastructure with primary crushing facilities, a power station and the metallurgical plant with the refinery.

After 4 years on site, he joined Hatch Canada in Calgary to lead the team in technical and fire risk studies. He completed site survey for Mosaic K1, assisted Cameco and Nexen in electrical and DCS risk studies.

In 2014 Oliver joined Hatch AEM in South Africa to conduct project, cost and technical risk analysis for IMIC (Nkout), RBM (Zulti south), QIT Madagascar Minerals (site risk survey), Sasol (C3 Expansion), and Tenke Fungurume (Acid Plant AP2).

Back to France in 2015, for family reasons, Oliver assisted Rio Tinto in risk work for Matisse and coordinating the hatch survey on the Cigeap vertical shaft.

Joining ODZ Consultants in 2018, he took on the business development management role while supervising project execution. He accomplished emergency team planning for several TotalEnergies plants, HSED design on LNG plant, atmospheric explosion risk studies for fuel storage and loading facilities, and assisting multi-site client in defining fire safety governance through site surveys.

Oliver also assisted Rio Tinto on Bauxite plant risk studies for plants in India and shared his expertise on several solvent extraction plants in France and Romania.

**Qualifications:**

- Master degree in Industrial Risk University of Lyon II
- European Fire Protection Technical Grade of the Centre National de Prevention et de Protection
- Member of the Society of Fire Protection Engineers SFPE, and steering committee member of the French Chapter
- Quantitative Risk Analysis Method, Solvay Lyon
- Decision Making and Quantitative Risk Analysis, @Risk, Johannesburg
- SIL/LOPA Workshop, ACM Calgary
- Live Fire Experience for Fire Engineers, QFRS Brisbane
- Hazard and Operability Facilitator Leader Course, Newcastle
- ATEX study and assessment certified, INERIS Lyon

Oliver has numerous interests such as cooking, watching his son play rugby and his daughter riding horses, travelling with the family and skiing in the alps. He sings in a choral but this stays a secret. In tennis his backhand has not improved since 30 years, but his forehand is powerful leading him to the “third half-time”.