



## Leon du Preez

### Principal Risk Consultant

Leon joined IMIU in April 2024 as a Principal Risk Consultant, with 38 years' experience working in the Engineering field. Including:

13 years in Coal mining at Coalbrook colliery, New Vaal and New Denmark collieries. Roles included: Junior Engineer, Engineer on Electrical Machinery, and Diesel Machinery. General Engineering Supervisor - Services, responsible for a team of foremen plus skilled and artisanal employees. Leon was responsible for underground construction and maintenance of belt drive installations, pump stations and substations, as well as maintenance of the vertical shaft winder. He also held responsibility for shaft and winder examinations per regulations, ensuring safety standards were adhered to. Plus responsibility for maintenance and repairs on diesel machinery and its flameproof equipment.

11 years in Risk Engineering at Alexander Forbes including asset risk assessments and compiling reports to assist clients in securing insurance. Assisted with corporate governance issues; demonstrating management's duty of care in the event of a major claim/incident/accident; conducting post loss surveys after major losses (reported observations and the conclusions of the investigating team, plus implementation of remedial actions to eliminate/reduce future losses).

15 years as a Senior/Projects Electrical Engineer - entailing operational experience in the mining and minerals industry, electrical design, and commissioning.

Having started at a trade level in the industry and progressed to a senior position, Leon has a breadth of knowledge and experience. He is knowledgeable and experienced in the design of electrical reticulation, earthing and lightning protection systems for mining operations and plants, surface mining infrastructure, and bulk materials. Project engineering experience ranges from concept studies to detail design and implementation of brown and green field projects with the inclusion of bulk services. Operational experience obtained in hard rock mines and coal mines as appointed engineer responsible for production, hoisting, services, pumping and electrical reticulation. With experience in the energy sector assisting him in explaining design methodology and technical advantages. He has technical and operational capabilities in electrical layout and design of overall surface and underground power reticulation of 33kV; 6.6kV, 550V and 400V, plus electrical design of surface infrastructure which includes machinery and buildings and ensuring correct interface of electrical equipment to instrument and control equipment. He has also implemented design improvements to prevent future problems, and conducted FAT and SAT on miniature substations; oil and dry type transformers; MCC's; VSD's and MV switchgear.

Leon holds a GCC (Government Certificate of Competence) Electrical from the department of Minerals and Energy, South Africa.



Leon is married for 42 years to Daphne and they are the parents to a daughter and son. Interests include watching rugby and supporting grandchildren in their various school sports. He also enjoys doing chores around the house and travelling. Loves food and a good cappuccino. The two of them love to plan and go on road trips for a vacation in South Africa or in New Zealand, where their daughter's family lives.