



Chris Lunney

EDUCATION

Bachelor of Engineering – Mechanical, University Southern QLD 1992

PROFESSIONAL EXPERIENCE

2014 - current	Principal – Phoenix Risk Solutions
2003 – 2014	Principal Consultant (Air Quality) – Vipac Engineers & Scientists Ltd, Brisbane
2000 – 2003	Practice Leader Air Quality – Sinclair Knight Merz (Brisbane Office)
1998 – 2000	Team Leader (Environmental Modelling Group) – Queensland EPA
1997 – 1998	Senior Environmental Consultant (Air Quality) – Pacific Air & Environment
1996 – 1997	Environmental Consultant (Air Quality) – Katestone Scientific
1993 – 1996	Air Quality Research Engineer – National Centre for Engineering in Agriculture

PROFESSIONAL AFFILIATIONS

Member of Clean Air Society of Australia and New Zealand

SUMMARY OF EXPERTISE

Chris has over 20 years' experience in environmental and occupational health assessment with a particularly strong expertise in matters relating to air quality and greenhouse gases. Chris is now Principal and Director of Phoenix Risk Solutions. Previously Chris Lunney was Principal Consultant and Team Leader in Air Quality for Vipac Engineers & Scientists Ltd., Brisbane and was responsible for all matters related to air quality including greenhouse matters internationally. He is experienced in the planning, design, implementation and management of a wide range of air quality consulting projects including road and rail, airports, mining, and industrial. Previous experience includes Principal Consultant at Vipac Engineers where he was responsible for all work related to air quality internationally. Work was all across Australia, Dubai, Laos, Hong Kong and PNG. Previous to that he was Team Leader for Sinclair Knight Merz and the Environment Protection Agency in the Environmental Modelling Group. This diverse experience in both consulting and regulation enables Chris to provide upfront advice on the most expedient approach to gaining the required approvals without surprises or delays.

OVERVIEW OF RELEVANT EXPERIENCE

Industrial

- Queensland Gas – Site wide audit Air, Noise and Lighting
- Whyalla City Council – Landuse Study based on Air Quality Assessment
- PNG Lihir Gold Mine – Air Quality Investigations – *Lihir Gold*
- Boyne Smelters – Noise compliance management with meteorological interpretation

Transport and Infrastructure

- Origin Alliance – Ipswich Motorway upgrade
- Usher Constructions – Vulture Street Freeway air quality modelling
- Wiley & Co – Woolongabba road way air quality modelling
- Queensland Rail – Newlands Line Air Quality Monitoring and Assessment
- Energex CBD Cogeneration Project - *Energex*

Agriculture / Odour

- Development of the first Queensland forced Choice Olfactometer – DPI
- MRC Research Project – Development of Assessment Tools for Feedlots
- Development of the Qld Feedlot Design Criteria – MRC
- Analytical Analysis of the use of SOI as a Predictive Tool - GRDC

Indoor Air Quality

- Indoor Air Quality Investigation – Retail store evacuation
- Gympie Regional Council – Indoor Air Quality Design Solutions
- Edward St – Indoor Air Audit and Design
- Indoor Air Quality Audit across Australian Dwellings for Federal Government

OHS

- Ok Tedi – Site wide audit for Air noise an lighting (2012, 2013)
- Laos Oxiana – Occupational health study for Air, Noise and Vibration (2006, 2007 & 2008)
- PNG Lihir gold – Occupational health study for Air, Noise and Vibration (2004 & 2005)
- Sunshine Coast TAFE workshops – Occupational health study for Air Quality
- Gympie quarry – Occupational health study for Air Quality
- Coffs Harbour waste transfer station – Occupational health study for Air Quality
- Clyde waste transfer station – Occupational health study for Air Quality

Planning

- Dubai Waterfront – Urban design to optimise Air Quality
- Hong Kong Building Design – HK Government
- Queensland Co-Generation Project for Risk Mitigation Project – Energex
- CSIRO – Fume Hood Extraction Study
- Boggo Road Sciences Precinct – Air extraction system study
- Expert evidence to the Planning & Environment Court for Roadway Impacts - *BCC*
- Townsville Power Station – Development Application – *Transfield*
- Stanwell Power Station – Environmental Audits – *Stanwell*