

# Explosive Atmospheres / Hazardous Areas

1 DAY

PRESENTER Peter Lind

This course is designed to give people the essential knowledge of explosive atmospheres and hazardous areas, including identifying hazardous areas, sources of ignition and the properties of hazardous materials, along with the roles and responsibilities of all parties, regulations, standards and codes of practice relating to hazardous areas.

#### Topics include:

- Classification of hazardous areas and types of hazards
- Classifying electrical apparatus for use in hazardous areas
- Protection methods
- Properties of hazardous materials, flammable, non-flammable and reactive materials
- Upper and lower explosive limit, flash point and ignition temperature
- Sources of hazardous materials data
- Standards, regulations and codes of practice relating to hazardous areas
- Legal responsibilities of all parties

#### At the end of the course participants will have the knowledge to:

- Identify hazardous areas
- Explain the properties of hazardous materials
- Identify and describe sources of ignition

This eight-hour workshop covers the assessment of unit standard 5929 – Demonstrate knowledge of hazardous areas and their electrical requirements (*3 credits*). Attendees will be awarded an attendance certificate and the unit standard reported to NZQA. To be awarded unit standard 5929 attendees must attend the workshop and forward the completed assessment to NZIHT/WITT within 10 working days.



Your road to a  
**BRIGHTER  
FUTURE**

Who should attend?

Anyone working in a classified zone or hazardous area site.

This course is a pre-requisite to the New Zealand Certificate in Electrical Equipment in Explosive Atmospheres (Level 4)

Cost of course

\$695 per person + GST

(Minimum numbers apply before a course is confirmed)

Dates and locations

New Plymouth	28 March 2024
New Plymouth	28 May 2024

Enquire about courses running in your region or we can run an in-house course for your *company* (minimum of 10 people)

Contact

For further information regarding this course please contact the Course Co-ordinator on the details below:

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E. [jan@nziht.co.nz](mailto:jan@nziht.co.nz)

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