



FUNCTIONAL SAFETY

Machinery and process plants have developed into complex systems relying heavily on instruments and the electrical systems to provide safety functions.

On March 23, 2005 in Texas City, USA, an instrument failure in a chemical plant led to an explosion killing 14 people.

These types of incidents are not always as disastrous, but they can and will occur. Instruments fail, alarms can be ignored and contactors weld closed.

Designing for functional safety ensures you meet the required safety integrity and comply with the latest standards including AS61511 for process industries and AS4024 for machinery.

TÜV Rheinland is one of the world's most trusted certifiers of functional safety equipment, systems and training.

Ensure your plant is designed correctly with the assistance of TÜV certified engineers from **Thorburn Australia**.



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