Australian Manufacturing News: Cognizant's Head of Industries Business, ANZ, Says Smart Technologies Can Improve Safety in the Oil and Gas Industry

"Employee safety remains a key concern within Australia's oil and gas sector," writes **Gaurav Sharma**. "The nature of tasks and activities makes it a riskier industry than others. Workers' fatigue is another factor increasing that risk. However, the oil and gas industry is in a prime position to take advantage of technologies such as robotics, wearables, artificial intelligence, and machine-learning to minimise some of the risks, as well as drive innovation."

Excerpts from Australian Manufacturing News' article:

"There is an increasing awareness across risky industries that digital technologies have an important role to play in improving work safety. Leading oil and gas providers are now looking to improve their current standards even further through data collection, monitoring, and automation.

These technologies can provide companies with better control on workplace hazards and better training, while improving onsite communications and overall workforce and business asset protection.

Machine learning can help identify patterns or equipment failures, allowing a proactive, rather than a reactive, approach to anomalies. The use of augmented reality in field training can allow workers to get familiar with new equipment or environments without taking any risks.

However, before implementing any technology, organisations should embrace proactive risk management by developing a framework based on three key milestones: identification, analysis and recommendation."

Click **here** to read more.

https://news.cognizant.com/2019-06-13-Gaurav-Sharma-Says-Smart-Technologies-Can-Improve-Safety-in-the-Oil-and-Gas-Industry