



# Welcome to **MORGENSTERN ENERGY**

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Leaders in robotic tank cleaning with no man entry.

[www.morgensternenergy.com](http://www.morgensternenergy.com)



- \* **ASSET INTEGRITY MANAGEMENT ?**
- \* **GREEN/BROWNFIELD SAFETY & RELIABILITY STUDIES?**
- \* **SAFER, FASTER STORAGE TANK CLEANING?**
- \* **ASSET MAINTENANCE BUILD/OPTIMIZATION?**
- \* **SHUTDOWN/TURNAROUND MAINTENANCE EXECUTION?**

**Morgenstern Energy provides services - personnel & equipment- for safe and efficient delivery of these services with a focus on :**

- **SAFE DELIVERY -PERSONNEL & PROCESS SAFETY**
- **DELIVERY QUALITY**
- **VALUE OF SERVICE**
- **BUSINESS PARTNERING**

## OUR GUIDING PRINCIPLES



**INNOVATION**



**DELIVERY**



**INTEGRITY**



**RESILIENCE**



## A BIT MORE ON WHAT WE DO

• **Asset Integrity Management:** Our consultants support our clients in the energy industry to deliver integrity and production excellence through provision of services in Asset Register Gap Assessment, Maintenance Build/Optimization, Functional Location & Hierarchy Build, FMECA, M&A Asset Integrity Due Diligence, Resourcing & Equipment Provision for Turnaround Maintenance.

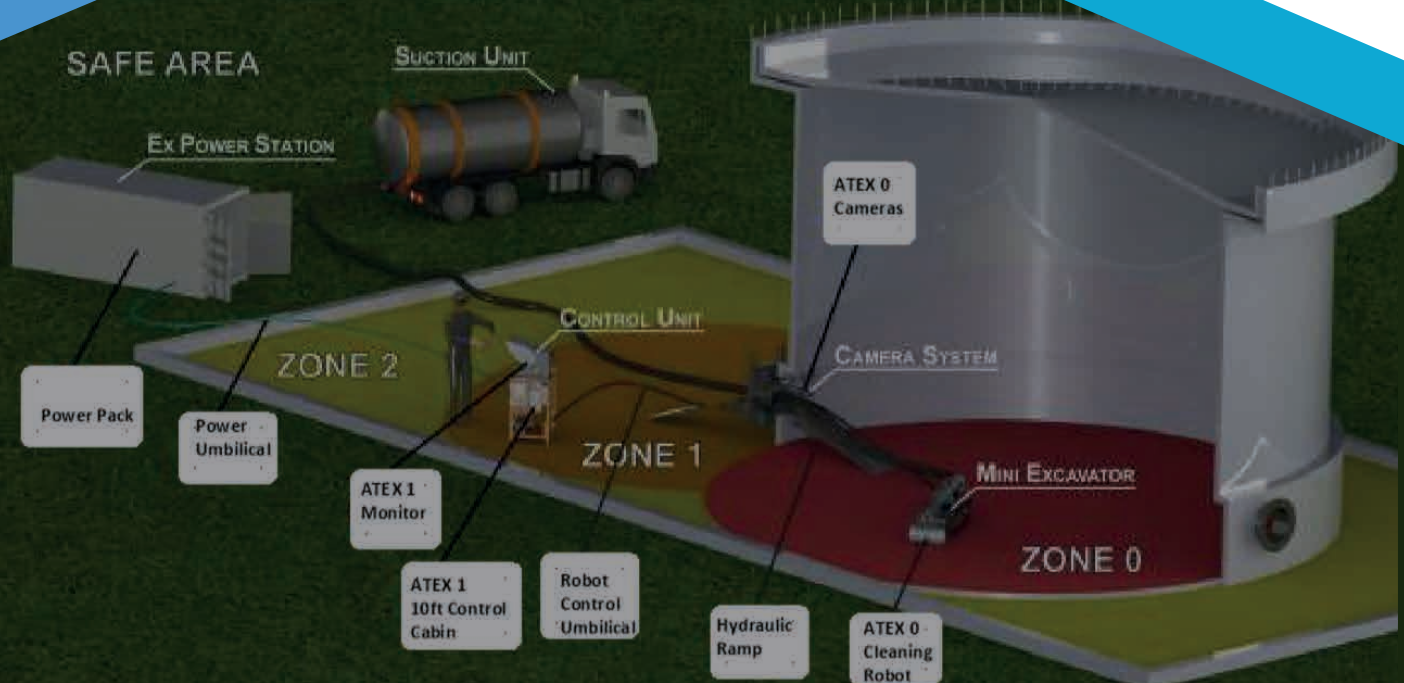
• **Safety & Reliability Studies:** Whether it be for brownfield or late-life assets to ensure continued safe operations or decommissioning, new assets to ensure safe & reliable operations to design expectations and Regulatory requirements, we will support you through: Safety Case development/ update, HAZOP/ HAZID facilitation and delivery, quantitative risk studies, fire safety & site layout studies.

• **Tank Integrity Management & Equipment Inspection:** If you own or operate above-ground storage tanks then safety, operational and regulatory requirement necessitate the tank cleaning and inspection every 5 or 10 years (dependent on design). Morgenstern Energy supports clients with safer, efficient and faster no-man entry tank cleaning services. Our conventional NDT Services are also available for tank roof, wall and bottom wall thickness measurements and general equipment inspection. We help clients make a seamless transition from the challenging man-entry tank cleaning process to a safer, faster no-man entry deployment.

## BENEFITS OF NO-MAN ENTRY TANK CLEANING

- ATEX 0 rated equipment
- Improved personnel and process safety
- Faster turnaround time
- No hot-work required
- Optimised wash water usage & reduced waste generation

If you would like an initial technical proposal and costing or just a comparison with your current man-entry tank cleaning process, please contact us.



## CONTACT US



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