



web**mech**



***Respect | Ownership |
Integrity | Drive | Growth |***



***To advance construction | To
change the way it's done***



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***Using people, partnership and
performance to change
construction***



SERVICES



Webmech primarily operates in the Petrochemical, Oil & Gas, Mining, and Energy industries. We specialise in bulk fuel storage, associated services and chemical process solutions. Our goal is to simplify infrastructure asset management and maintenance for our clients.

Storage Tanks

We pride ourselves on our specialist knowledge in building new bulk storage tanks in accordance with API650 and other codes.

We have experience in both greenfield and brownfields projects.

These tank types include, amongst others:

- Fixed Cone & Dome roof
- Geodesic Dome roof
- Internal Floating roofs & Floating suctions for Jet Fuel
- External Floating roofs
- Double Wall Tanks



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Tank Refurbishment

We have extensive experience in repairs, upgrades & maintenance of existing bulk storage tanks according to API653 codes, which include floor, shell and roof replacements or repairs.

These repairs, replacements & upgrades also include:

- Tank Conversions (Product Conversions & Structure Conversions, for example Geodesic Domes)
- External & Internal Floating Roofs
- Floating Suctions
- Existing & additional Tank Nozzles
- Spiral Staircase Replacements
- Roof Handrails
- Stilling Wells
- Cooling Rings & Foam Pourers
- Firefighting compliance
- Tank Walkovers/Inter-tank Bridges



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Inspection & Testing

The backbone of asset management is understanding the current state of your asset – this is where our inspection and testing services play a critical role.

Our services include, but are not limited to:

- API 650 & API 653 Inspections
- API 570 Inspections
- API 571 Inspections
- Ultrasonic Thickness (UT) Testing
- Magnetic Flux Leakage (MFL) Inspections
- Magnetic Particle Inspection (MPI)
- Dye Penetrant Inspection (DPI/PT)
- 3D Laser Scanning & Tank Calibration
- UAV Surveying



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Value-add Services

Webmech offer a range of value-add services to round out the turn-key offering.

These include, but are not limited to:

- Tank de-sludging and cleaning.
- High-pressure and low-pressure carbon and stainless-steel piping installations, modifications or repairs according to various codes.
- Installation or replacement of valves, specialist equipment, pumps and fire equipment.
- Tank ring beams, bund walls, bund floors and other concrete works.
- Fabrication and installation of steel structures including loading gantries, support structures, walkovers and tank bridges.



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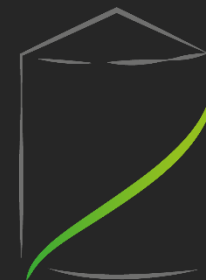
Corrosion Control

To ensure the longevity of our client's newly built or refurbished infrastructure, Webmech includes corrosion control services in our offering. These include, but are not limited to:

- Tanks – Internal lining and external corrosion control
- Pipes – Internal lining and external corrosion control
- Structural Steel – Corrosion control
- Fire-proofing and intumescent coatings – Pipes, tanks and structural steel
- Insulation and cladding – Conventional systems and cladding as well as new spray on technology

Through years of practical experience Webmech has developed innovative methods of paint application to limit the downtime of projects driven by production objectives.

In some instances, these methods include safe in situ preparation and application of paint systems where the downtime is eliminated.



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Chemical Solutions

At Webmech we want to ensure that our clients maximize returns on their investment through its operational life-cycle.

Many clients require chemical treatment of the products that they produce, process, blend or store. Using the right treatment plan can significantly reduce breakdowns, improve product spec and ensure consistent and reliable operations. It also ensures that the lifespan of the infrastructure is extended, and maintenance costs are reduced.

We support our customers with chemicals and the application systems needed to ensure the intended outcome is achieved. Our capability ranges from the supply of chemicals used in exploration and production all the way through to midstream/ downstream processing, as well as the additives used in the treatment of the finished product.

Let us analyse your system and provide a tailored solution for your unique context.



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Chemical Solutions

Our chemical solutions include, but are not limited to:

- Biocides
- Sulphur Reduction
- Rust Inhibitors
- Crude Oil Management
- Sludge Reduction
- Fouling Control
- Foaming Control
- Flow Enhancement
- Water Treatment
- Filtration Additives
- Fuel Additives



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THANK YOU

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