



News Update

Newsletter Issue 9

Quarantine wrapped by UNDER-RAPS™ for the Gorgon gas project



Tutt Bryant Crane Hire, which is one of Australia's largest crawler crane hire companies, has experience working in every mainland state and territory of Australia.

Since it started operations in August 1997, the company (formally known as Tat Hong Rental) has rapidly grown to be a major crane hirer nationwide, with five branches and a modern fleet of over 90 cranes.

Among its well known projects are Woodside's Train IV development in the North West, the Alice Springs to Darwin Railway, the Spencer St Station redevelopment in Melbourne, Perth's Southern Rail Line, the Dampier Port Upgrade, the Gold Coast Freeway and the Chatswood to Paramatta rail link.

Pictures: Tutt Bryant Crane Hire Parts wrapped for delivery to Barrow Island.



Wrapped for quarantine



Ten dongas and power generation units for Gorgon were recently wrapped for quarantine at Toll Energy's Western Australian supply bases. Toll plays an important role in the Cooper Basin and throughout Australian offshore petroleum fields, providing integrated specialised logistics services to support the oil and gas industry.

It has supply bases in Perth, Dampier, Melbourne, Darwin, Adelaide, Moomba, Jackson, Portland, Sale and Geelong and has the ability to establish operational support bases in places such as Onslow, Geraldton, Exmouth and Eden at short notice .

Boom lifts for export



TradeLine International called upon Under-Raps™ to wrap two 10.84 x 2.43 x 2.56m boom lifts each weighing 13,115kg.

They were loaded onto 40ft Flat Racks for export overseas enclosed in one layer of Corrosion Intercept® anti-corrosion shrink film and a top layer of 200 um power shrink, with inspection doors fitted for customs inspection.





Intercept represented at the Defence + Industry Conference and Trade Exhibition

The government's new \$60 billion defence capability plan will fund 110 major equipment projects, including the F35 joint strike fighter, new navy helicopters and early planning for the next-generation submarine.

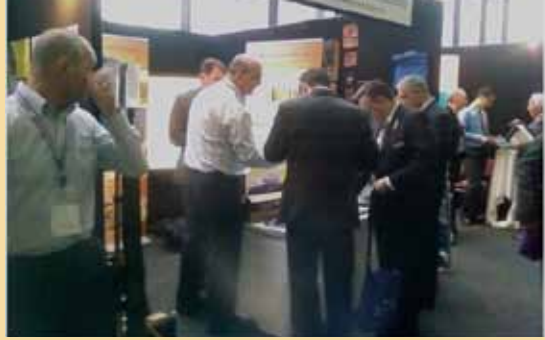
About 1500 national and international delegates attended the recent Defence+Industry Conference which focused on the A\$110 billion+ that will be invested in Australia's defence capability over the next decade. Around 60 per cent of this investment will be spent in Australia with the acquisition and sustainment to be managed by Australia's Defence Material Organisations.

Areas of acquisition and sustainment are:

- Electronic systems
- Weapons and munitions
- Maritime
- Land and vehicles
- Aerospace

*It was recognised that the Intercept Technology packaging would ensure the shelf life extension and battle readiness in all areas of acquisition and sustainment.

The conference has given the Intercept Technology Group the opportunity to understand the strategies for procurement, making Intercept Technology defence-capable into the future.



Oil and Gas

Seismic vibrators readied for transport

"Seismic Vibrators" are used in onshore Oil Exploration to generate a compressional wave travelling downward through the subsurface and being partially reflected at each rock interface.

The reflected energy is recorded at the surface by a Seismic Recording System.

The "Reflection Seismic method" is a geophysical technique used to map an image of the earth's subsurface in 2D or 3D.

This is used by oil & gas, coal seam gas, minerals and coal exploration and production companies to develop a clear understanding of subsurface rock structures and other geological properties.

Pictures above: Wrapping of Seismic Vibrators for transport



Oil and Gas

Intercept anti-corrosion shrink film for Korean shipment

This shipment of a 2.5x2.2x44m Hydrostacker to Korea for Samsung Heavy Industries was wrapped in Intercept anti-corrosion shrink film. It is destined for an oil and gas platform.

A typical Column Racking System consists of a rotating column featuring two or three racking arms with hydraulic gripper jaws and tailing heads, and pneumatically latched fingerboards.

The columns can be fixed to the drillfloor and rack in a radial pattern or travel on upper and lower tracks to allow larger setback capacities. ITG Europe will meet the shipment in Korea on its arrival.



Corrosion Intercept® Technology

corrosion protection



These transmissions for freighting by Advanced International Services' (AIS) had the flywheel end wrapped with Intercept to prevent them rusting.

The axle drums were wrapped with specially made Intercept Shrinkfilm bags as shown at left. Intercept was used instead of spraying the inside of the drums with a preservative primer.

The Intercept lined crates were used for the Low Signature Armored Cab (LSAC).

The container had to satisfy two main objectives. It had to adequately protect the LSAC during shipment to SWA (Iraq, Kuwait and Afghanistan) and it needed to be reusable.

After the LSAC was installed on a truck chassis in SWA, the standard Family of Medium Tactical Vehicle (FMTV) Cab (removed from the chassis during the retro fit) was shipped to the U.S. for storage.

The reusable container needed to adequately protect the standard FMTV cab during shipment and long term storage. Up to 5000 were lined in all.

Corrosion protection for decommissioned automotive plant

Corrosion Intercept® products were chosen for the long term storage of equipment ranging from conveyers, robotic equipment, switch room power boards in the USA. See pictures below.



Flash condenser protected

Specialised Welding Australia Pty Ltd is an Australian company which has developed specialist expertise in providing high quality products and professional engineering services to the oil and gas, petrochemical and mining industries, such as designing and manufacturing pressure vessels, heat exchangers etc and providing services.

The Flash Condenser shown was wrapped in Intercept® Shrink Film and an extra layer of 200um Powershrink Shrink Film for additional UV protection.

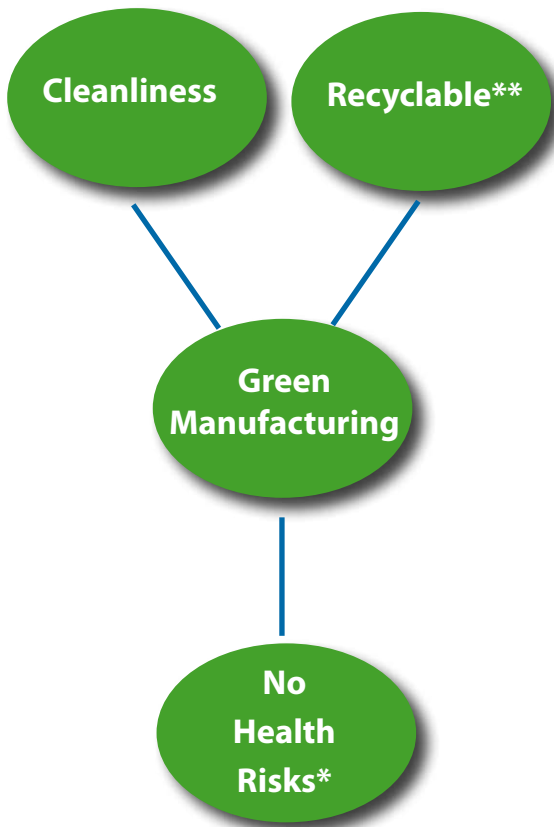


CORROSION INTERCEPT®

Re-usable Oil-free corrosion protection

- Green packaging is the new push around the globe.
- Sustainable, recyclable, re-usable are no longer catch phrases - they are the standards that people are increasingly demanding.
- Intercept has received an Environmental Award for its Environmentally Friendly Anti-Corrosion Packaging from the German Government.
- It is the only anti-corrosion packaging in Germany with this honour.
- Environmentally friendly - RohS compliant, TRGS 615 and TRGS 900 compliant (Europe), re-usable and recyclable.

- **Packaging does not leave any residue**
- **Intercept is recyclable****
- **Intercept does not present any health risks***
- **Intercept provides effective, long term corrosion protection**
- **Intercept has a saturation indicator**
- **Intercept is safe for optical systems**



Static Intercept® and Corrosion Intercept® are compliant with



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