

**Smart thinking. Safe hands.**



**ROTARY TANK  
REJUVENATION & REPAIR**

# ROTARY TANK REJUVENATION & REPAIR (TRR)

## Smart Thinking. Safe Hands.

With close to 50 years of experience in the Oil & Gas industry, Rotary has grown to become one of the leading tankage contractors in South East Asia and the Middle East.

Our in-depth expertise is a result of the millions of hours spent on the field, and accumulation of first-hand experience through decades of sheer hard work from all our workers.

Our best-in-class in-house engineering lays the cornerstone to our understanding of the projects. Supported by our multi-discipline workforce encompassing mechanical, civil and electrical & instrumentation teams, we offer clients “one-stop” tank maintenance solutions with one of the highest safety and quality standards around.



### BENEFITS OF TRR

1. Extending tank lifecycle
2. Reducing the need for periodic corrective CAPEX maintenance
3. Adapting to business requirements (for example – product change, capacity increase etc.)

# Our Service Offerings

## INTEGRATED TANK MAINTENANCE



- Inspection
- Tank cleaning
- Blasting & painting
- Insulation
- Discovery work such as shell patching, bottom patching

## TANK REHABILITATION



- Carbon Steel Cone / Dome Roof replacement
- Aluminum floating roof installation
- Fire water line / foam line replacement
- Bottom, shell, and roof patching
- Tank painting
- Valve servicing

## CAPEX UPGRADATION



- Tank upgrade due to change of product
- Annular & bottom plate replacement
- EFR and IFR replacement, pontoon repair & air test
- Shell course replacement
- Turnkey product change/business operations upgradation

## Key work activities





## Our Advantages

### ONE-STOP SOLUTION FOR YOUR TANK MAINTENANCE NEEDS

As a multi-discipline EPC company, we have 6,000 employees across all diverse disciplines (tankage, E&I, civil, mechanical) worldwide. Coupled with our 200-men strong in-house engineering team, we offer the full suite of tank maintenance solutions!



#### In-house Engineering

Our 200-men strong team spread across various disciplines that support all design-related works for tank maintenance projects



#### Global Workforce

Global workforce of 6,000 employees spread across Asia and the Middle East ready for deployment to your projects

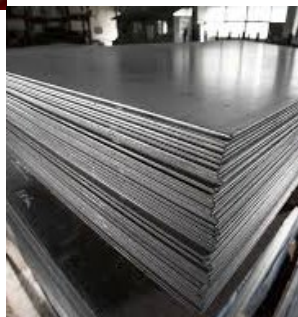
#### Global Workshops

Existing workshops in Singapore, Thailand, Indonesia, UAE, Saudi to provide any supporting fabrication works



#### Ready-Stock Plates

Available ready-stock plates sitting in our warehouses to cater to your time-sensitive projects, reducing tank downtime



#### Highest Safety & Quality Standards

Safety is our top priority. Our insistence on the most stringent level of safety processes at every stage of each project.



#### Phenomenal Track Record

Our best-in-class execution has earned us repeated contracts from IOCs and NOCs worldwide.



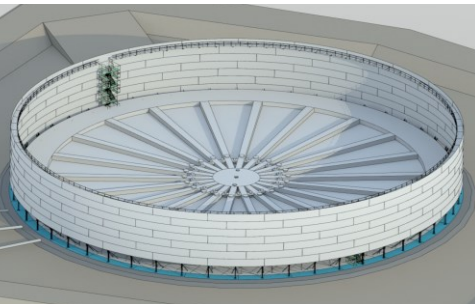
ExxonMobil



Oiltanking



# Our Strengths



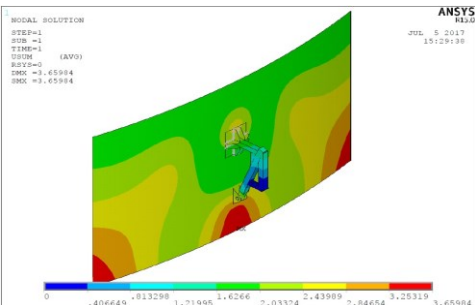
Construction Jack



Jack Up



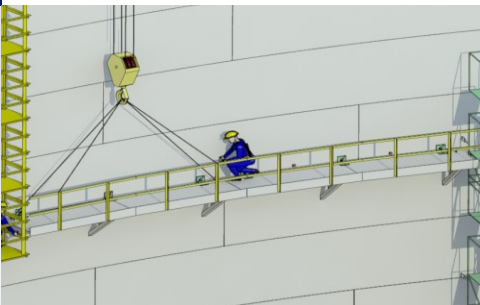
Plasma Cutter



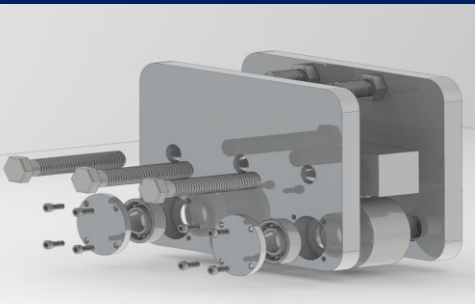
Finite Element Analysis (FEA)



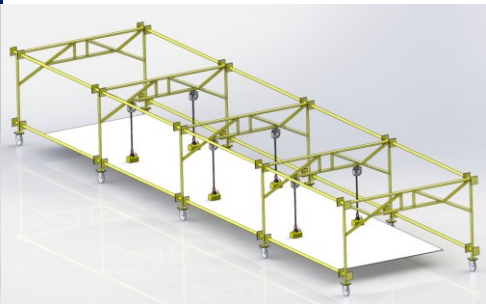
Launching Table For Bottom Plate



Temporary Wind Girder Working Platform



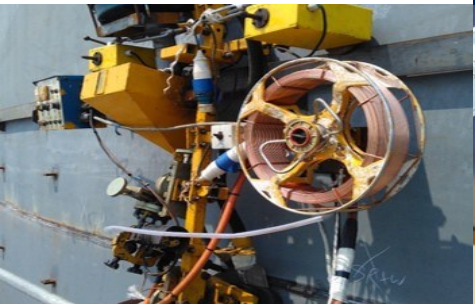
Train Track Roller



Bottom Plate Moveable Frame



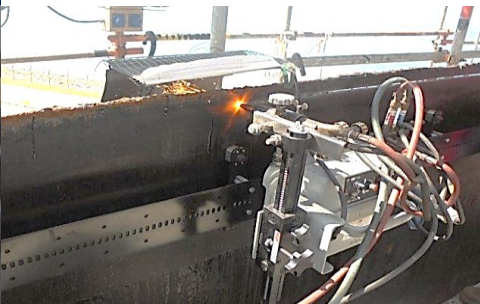
Long Buggy 9-12 m



AGW



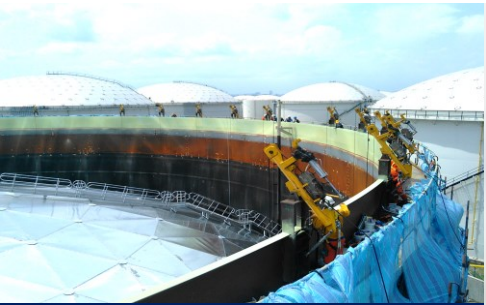
EGW



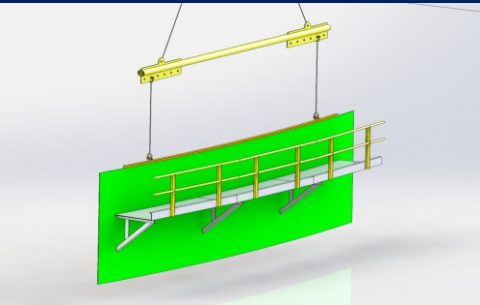
Auto Welding Machine



SAW(LT-7) Bottom and Corner Joint Welding



ADR Lifting by Grip Hoist



New Shell Plate Installation (Shell + WG + Top Angle)



# Tank Maintenance Project Showcase

VOPAK Singapore



## Scope

- Total of 34 tanks contracted over a 4-year period
- Tank jacking of 2 metres
- Tank foundation upgrading
- Entire tank bottom and annular plate replacement with hydrotest
- Entire foam and drencher line replacement from the bud wall manifold to tank top (Including header, riser, ring pipes etc.)

Timeline: 2017 to 2020

# Our Global Presence



## CONTACT DETAILS

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