

Fire & Blastwall Products

Mech-Tool Engineering Ltd provides a complete design, project management and supply service for solutions that protect people and equipment from explosion, fire and noise hazards

**Over 40 years supply
to the offshore
industry worldwide**

**Firewalls & Blastwalls
Blast Relief Systems
Radiant Heatshields
Windshields**

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Fire and Blastwall Installation

Mech-Tool Engineering Limited specialises in the design, manufacture and supply of fire and blast protection products for various applications within the offshore and onshore oil and gas industries.

Mech-Tool's Firewalls, Blastwalls, Heatshields and Windshields are tailored to the individual requirements of each project, allowing varying aspects of the specification to be taken into account in each case and therefore offering the optimum solution to a given problem.



Deck Windwalls

Firewalls & Blastwalls

- High integrity fully welded system
- Carbon, stainless steel 316L & Duplex
- Certified to A & H fire ratings, Jetfire ratings up to J60 rating
- No intermediate support steel for all spans
- Factory fitted penetrations
- Maintenance free – Stainless steel
- Liners available in various finishes
- Type Approved by Lloyds Register



Fire and Blastwall Installation

Heatshields & Windshields

- Ventilated Heatshields achieve over 90% reduction in incident heat flux
- Ventilated Heatshields available where air changes or visibility are required
- Solid steel panels available with insulation for high performance application
- All systems fully tested
- Maintenance free Stainless Steel Systems
- Full spanning cassette construction eliminates intermediate support steel



Derrick Heatshielding



Turret Heatshielding



Stairtower Heatshielding

Blast Relief Systems

- Non-detaching design in carbon steel, stainless steel, aluminium or FRC
- Non rated & fire rated systems available
- Acoustic performance to suit client's requirements
- Modular construction using cassette assemblies to simplify site installation
- Patented precision release mechanism ensures accurate opening pressure
- Low maintenance
- Fully tested with Lloyds verification

Technology

- In-house design and engineering facility
- State of the art 3D engineering capability
- Certified fire resistance to J60/ H120 and blast up to 4 bar
- ISO 9001:2008 Accredited