



# MECH-TOOL


ENGINEERING LTD

FIRE & BLAST  
PROTECTION PRODUCTS



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**Mech-Tool Engineering Limited  
Fire & Blast Protection Division  
has specialised for over 40 years  
in the design, manufacture,  
supply and certification of Fire &  
Blast protection for applications  
within the Oil, Gas and Renewable  
Energy markets.**

Mech-Tool Fire & Blast Protection Division has within its core resource one of the most experienced teams active in the Fire & Blast protection market. Mech-Tool offers a variety of services ranging from the total fire and blast protection solution to survey and consultancy services.

Mech-Tool has an enviable portfolio of Clients in all of the major industrial sectors and is equally at ease with green or brown field applications be it as a result of legislative / process change, refurbishment and or new build requirements.

Safety, quality, delivery, equipment performance and Client satisfaction are the principle drivers for Mech-Tool Fire & Blast Protection Division.

Accreditation to ISO 9001, in-house project management, design, engineering (3D modelling), manufacturing, testing, delivery and certification are all part of the services provided.

Mech-Tool Fire & Blast products are designed and engineered to provide the most cost effective solution whilst ensuring compliance with the Client's specification.

**Mech-Tool Fire & Blast Protection Product range includes:**

- Firewalls
- Blastwalls
- Radiant Heatshields
- Windwalls
- Blast Relief Systems
- Fire & Blast rated Windows & Doors

#### **Firewalls & Blastwalls**

- High integrity fully welded systems
- Carbon steel or stainless steel systems
- Type approved certification from A60 to H120 fire and jet fire up to 60 minutes
- Acoustic performance to suit client's requirements
- Factory fitted penetrations
- Maintenance free – stainless steel

#### **Radiant Heatshielding**

- Heatshielding can achieve over 90% reduction in incident heat flux
- Ventilated heatshielding available where air changes or visibility is required
- All systems design appraised by Third Party Accreditation
- Maintenance free stainless steel systems

#### **Blast Relief Systems**

- Non-detaching design in carbon steel or stainless steel
- Acoustic performance to suit Client's requirements
- Pre-assembled construction to simplify site installation
- Patented precision release mechanism ensures accurate opening pressure
- Low maintenance
- Fully tested with Lloyds verification

To ensure Mech-Tool Fire & Blast Division maintain their position as market leaders, we have a commitment to a programme of continuous improvement and development.