

Escape Routes





Escape Routes

Mech Tool Engineering Ltd (MTE) designs and manufactures high integrity Escape Route Systems that provide protected personnel transit ways, evacuation routes, and muster areas during major incidents involving hydrocarbon fire, explosion, or radiant heat exposure.

Escape routes can be engineered in multiple configurations—from semi open walkways to fully enclosed, blast and fire rated tunnel systems—ensuring personnel have safe passage regardless of site layout or hazard profile.

Engineered Protection for All Environments

MTE's escape route solutions are suitable for a wide range of demanding applications, including:

- Offshore fixed platforms
- Floating production units (FPSOs)
- Onshore process facilities
- High risk hydrocarbon installations

Each system is engineered to deliver the required levels of fire protection, blast resistance, and radiant heat shielding, providing dependable life safety performance under severe operating conditions.



Modular Construction & Certification

Escape Routes are constructed using shop built modular units, providing:

- Enhanced fabrication quality
- Reduced on site installation time
- Improved cost efficiency
- Consistent and predictable system performance

All components are fully tested and certified, ensuring compliance with stringent project and regulatory requirements.

Typical Benefits

- Certified fire protection from A0 to H120, with jet fire resistance options
- Modular build for faster transport, handling, and site installation
- Carbon steel or stainless steel construction to suit project demands
- Supplied as structural shells or fully outfitted units to match client scope
- Fully tested and certified for assured system performance
- Engineered to specified explosion, fire, jet fire, and environmental loads
- Blast-, fire-, and jet fire-rated flexible seals accommodate thermal and mechanical movement
- Built for severe maritime conditions where required





Your Safety. Our Priority.



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