

“Exxon Mobil researched numerous Blast Resistant Module fabricators and after a long & extensive evaluation process, realized General Marine Leasing had the expertise, equipment, & experience needed for protecting our petrochemical facility workers and equipment.”

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Portable Blast Resistant Modules Refinery Control Rooms & Offices



A Product of General Marine Leasing



PORTABLE BLAST RESISTANT MODULES

General Marine Leasing Industrial Division

General Marine Leasing Industrial now offers you a practical solution to protecting your workforce in petrochemical processing facilities. GML's 12' x 40' x 10'5" Refinery Control/Office was evaluated for blast loading resulting from an explosion occurring near the module. The module was verified for the design blast per the guidelines and provisions outlined in the *Management of Hazards Associated with Location of Process Plant Portable Buildings* (American Petroleum Institute Recommended Practice 753, 2007) (API RP-753) and the *Load and Resistance Factor Design Specifications for Structural Steel Buildings* (American Institute of Steel Construction, 1992) (AISC LRFD). These rulings site the specifics in protecting work forces at and around petrochemical facilities.

General Marine Leasing Blast Resistant Modules are constructed including the following features:

12' x 40' Refinery Control Office

- Reinforced Blast Rated Structural Design
- Available in 3, 5, & 8 psi Blast Ratings
- (2) Side Entrance Blast Resistant Doors
- (2) External Blast Resistant Entrance Lights
- (1) 3 ton Class 1 Div. 2 HVAC Unit
- 39,300 lbs



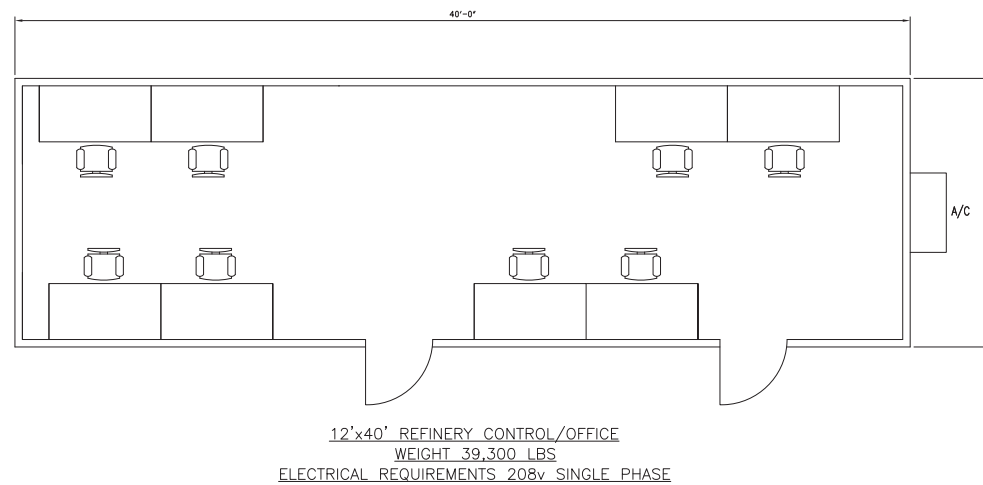
12' x 40' Refinery Control Office Interior



- R-11 Insulation
- Emergency Exit Lighting
- Fire & Gas Detection Systems
- Drop Acoustic Ceilings
- 2' x 4' Florescent Lighting
- Communication Systems Wiring
- Customizable Interiors & Additional Equipment Available

General Marine Leasing Portable Blast Resistant Modules are fabricated using a specially designed reinforced cold form steel beam and column system for protecting workforces and equipment at and around petrochemical facilities. This unique framing system provides increased levels of resistant for the support of vertical and horizontal loads normally associated with accidental petrochemical and refinery explosions. General Marine Leasing Portable Blast Resistant Modules use 6" x 6" upper frame tubing and 6" x 2" center frame tubing surrounding, reinforcing the entire Portable Blast Resistant Module. C-Crimp 1/4 steel plate encloses the reinforced framing, providing an increased level of overpressure reflection.

GML 12' x 40' BRM on site at ExxonMobil Chalmette Refining, LLC Petrochemical Facility



Available for sale or lease through the General Marine Leasing Industrial Division specializing in bringing industrial worksites and markets practical, economical, and safe workforce accommodations.

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