

**Petroleum Quality Analysis System Enhanced (PQAS-E) Shelter**

**KEY FEATURES**

- EMI-shielded variant of our 20-foot ISO design with segmented mechanical porch, working area, and storage room configuration
- Custom ladder for easy access
- Canvas vestibule for entry into laboratory
- Passed testing at Aberdeen Proving Ground
- Vehicle and trailer mountable
- Special patented mobility design features for air, land, and sea demonstrate AAR's design innovation
  - Patented integrated 24" corner jacks with retractable corner blocks
  - Roller plates on bottom of shelter
  - DTENT rails for locking into 463L cargo loading system
- Catwalk grid above mechanical porch for easy slinging of shelter
- CSC rating: 6-high



Rock Island Arsenal, Joint Manufacturing and Technology Center Petroleum Quality Analysis System Enhanced (PQAS-E) Configuration Shelter

The battlefield ready Petroleum Quality Analysis System (PQAS) is a mobile fuel testing analysis and certification laboratory based on AAR's proprietary 20-foot ISO shelter design. This system is capable of testing virtually any fuel for air and land mobile forces prior to use.

Apart from our standard configuration, this shelter was divided into three primary sections: a mechanical porch, an enclosed work area, and an enclosed storage room. There is also extensive seat track mounted horizontally and vertically to the walls to accommodate a wide variety of integration requirements. This shelter is integrated with test equipment at Rock Island Arsenal.



CLIENT	
United States Army/USMC	
DIMENSIONS	
EXTERIOR	240"L x 96"W x 96"H
WORK AREA	84.6 sq. ft.
STORAGE AREA	21.8 sq. ft.
MECHANICAL/PORCH	27.3 sq. ft.
TARE WEIGHT	MAX. GROSS WEIGHT
6,340 lbs.	15,000 lbs.