



# MediSAFE First Aid Station

An underground first aid station designed specifically for emergency medical treatment and evaluation.



**mediSAFE**  
FIRST AID STATION



MediSAFE Underground  
First Aid Station

MineARC Systems - Built for Safety.

[www.minearc.com](http://www.minearc.com)



# Company Profile

MineARC Systems is the global leader in the manufacture and supply of emergency safe refuge solutions for the mining, tunnelling, chemical processing and disaster relief industries.

With 20 years' experience, our dedication to ongoing research and development is driven by our key focus to continually offer the best and most advanced safety solutions on the market.

Our team of qualified engineers, electrical designers and technical experts form a global network across several international locations including;

- Perth, Western Australia
- Johannesburg, South Africa
- Dallas, Texas
- Santiago, Chile
- Beijing, China
- Barcelona, Spain
- Guanajuato, Mexico

This allows MineARC to provide 24 hour service and engineering support to our expanding list of clients in over 60 countries across the globe.

All MineARC Refuge Chambers and Safe Havens comply with the highest international regulations and recognised 'world's best practice' industry guidelines. Our key focus on quality control and product advancement has meant that MineARC Refuge Chambers have successfully saved lives in multiple real life industrial emergencies around the globe.

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The MineARC MediSAFE is the only dedicated portable underground first aid chamber on the market. The MediSAFE has solid steel construction with insulated walls and air-conditioning for comfort. The chamber comes with a comprehensive fit-out tailored for first aid applications. The MediSAFE provides a hygienic and safe environment for patient evaluation & treatment on-site.

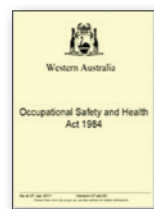
MS-UD4-MED-06



Bureau Veritas ISO 9001:2008 Quality Management Systems



Code of Practice - FIRST AID IN THE WORKPLACE (Safe Work Australia)



West Australian Occupational Safety & Health Act 1984



Australian C-Tick Standards: AS4100-1998, AS3570.1-18, AS2208, AS3000, AS1716-15



Canadian Standards Association (CSA)



United States National Electrical Code (NEC) 2013/14



European CE Certified to Machinery Norms



## Also Available: EnviroLAV Toilet System

The EnviroLAV is the latest innovation in self-contained, portable toilet systems – ideal for the use in underground mining.

Designed to be simple to operate and maintain, the EnviroLAV is a semi-permanent structure that can be used both above and below ground wherever there is access to compressed air or electricity. The EnviroLAV requires emptying just once every 12 months, based on standard usage in optimal conditions.

For more information please visit [www.minearc.com](http://www.minearc.com)

# The MineARC MediSAFE Station

Due to client requests MineARC is proud to present the latest addition to our Utility Design range of MineSAFE refuge chambers.

The MineARC MediSAFE First Aid Station is the only portable first aid station specifically designed for use in an underground mining environment.

With all the standard MineARC features, the MediSAFE carries MineARC's reputation for seamless design, innovative engineering and fail-safe functionality into site medical services.



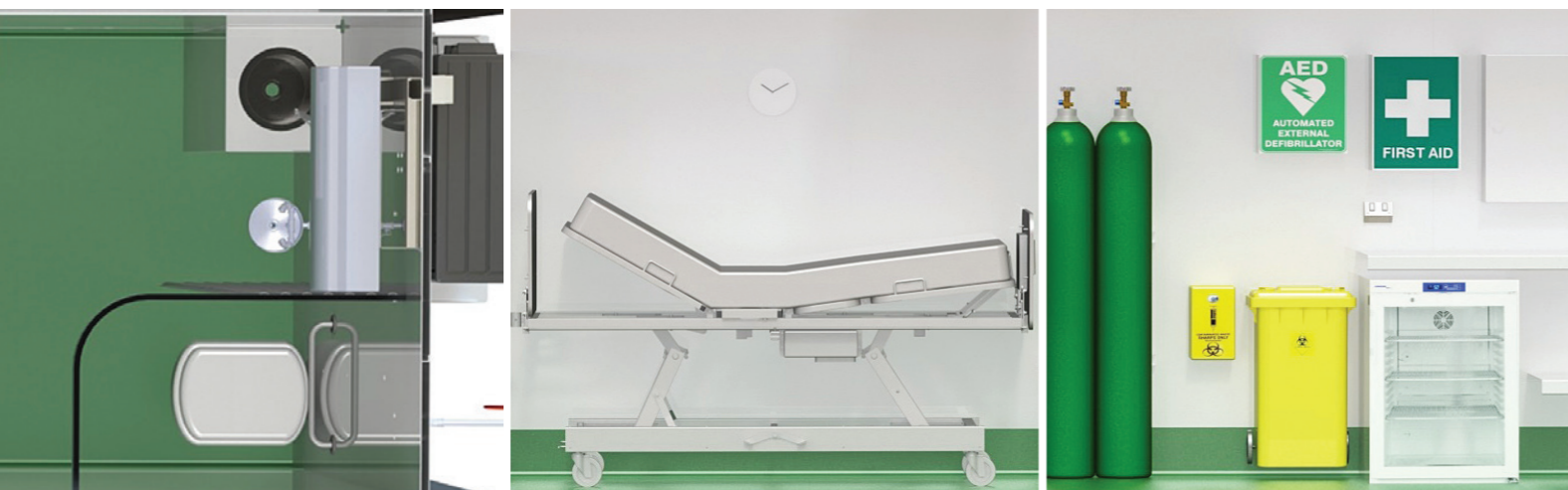
## Features

- Screened examination & treatment area with medical grade gurney
- IP65 communications points
- Refrigerator
- Medical waste and sharps disposal
- External shower
- Defibrillator & resuscitation equipment
- Air conditioning
- Solid steel chamber with insulated walls
- Double door entry and separate waiting area
- Toilet, heated water, sink, eye wash station, work bench & storage
- Comprehensive first aid fit-out and supplies including AED.

## Standard Dimensions

Model	Occupancy (persons)	Height (m/inch)	Width (m/inch)	Length (m/inch)	Weight (kgs/lbs)
MS-UD4-MED-06	6	2.30 / 90"	1.90 / 74.8"	9.60 / 378"	8,500 / 18,740

Indicative weights only. Custom variations will impact final refuge chamber weight.



# Standard Features



## Shower

The MediSAFE comes standard with an external emergency shower and eye wash station.

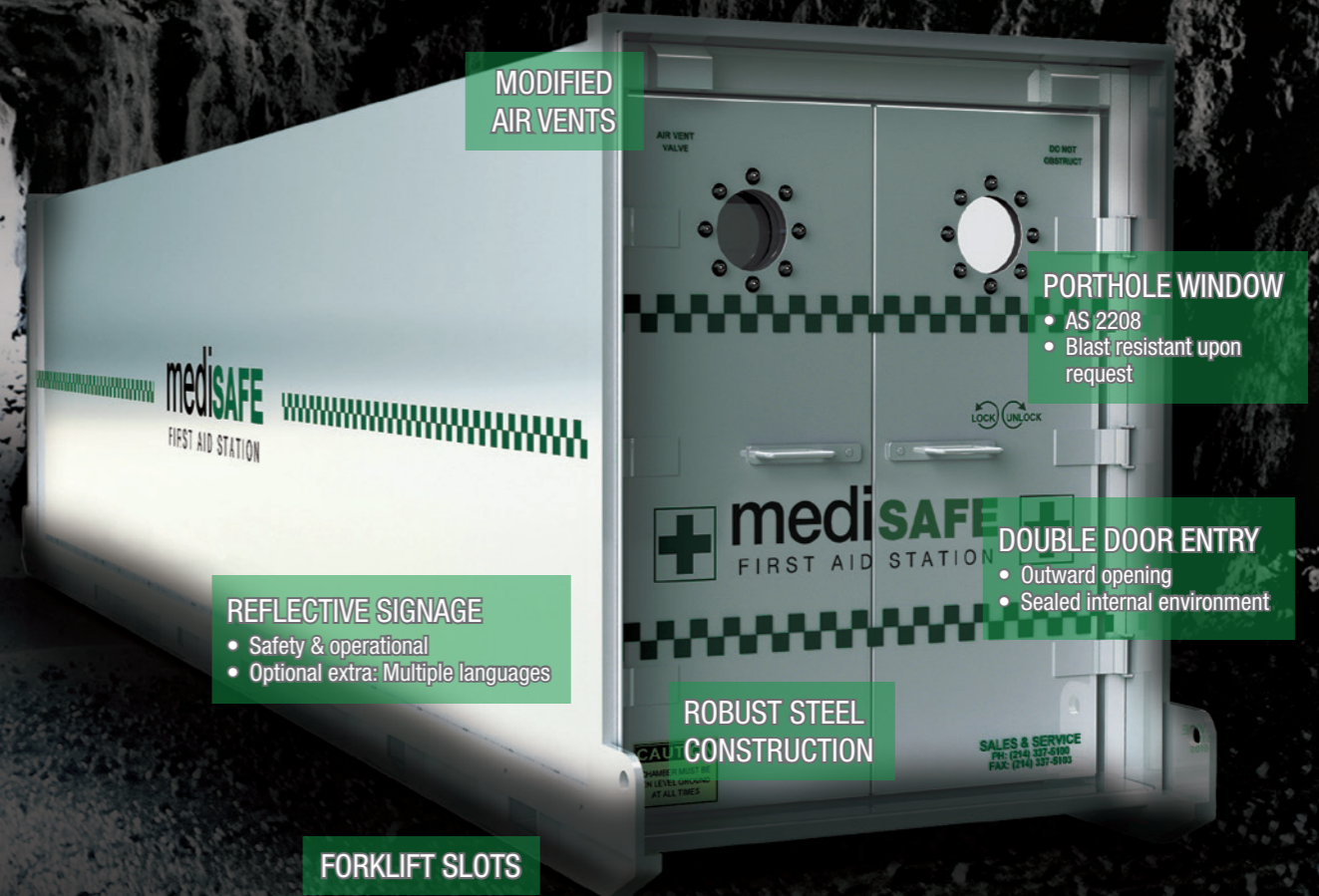
Located at the rear of the chamber the external shower and eye wash station can be used to remove excess dirt or as preliminary first aid; ensuring conditions within the chamber are kept sanitary and suitable for the administration of first aid.



## Air Conditioning

To regulate the internal ambient temperature of the MineARC MediSAFE First Aid Station, it comes equipped with full insulation and an industrial air conditioning system.

This allows for the patient and any medical staff to work comfortably for prolonged periods of stay while awaiting transfer to the surface for further treatment.



MODIFIED AIR VENTS

PORTHOLE WINDOW  
• AS 2208  
• Blast resistant upon request

DOUBLE DOOR ENTRY  
• Outward opening  
• Sealed internal environment

ROBUST STEEL CONSTRUCTION

REFLECTIVE SIGNAGE  
• Safety & operational  
• Optional extra: Multiple languages

FORKLIFT SLOTS

MS-UD4-MED-06

# Station Interior

## INTERIOR LIGHTING

- 8watt fluorescent

## AIR CONDITIONING SYSTEM

- R410a refrigerant cooling
- UL listed Mitsubishi Split System

## REFRIGERATED STORAGE

## MEDICAL GRADE GURNEY

- Meets Safe Work Australia standards

## TOILET

- Screened plumbed in toilet

## SEATING AREA

- Ergonomically designed
- Durable, hard wearing fabric
- 500mm seating per person

## SCREENED EXAMINATION AREA

## NON-SLIP FLOORING

- Medical grade vinyl

# Optional Features



## Fully Pressurised Airlock

MineARC offers the option of a fully pressurised airlock compartment, designed to act as a secure staging area between the enclosed protection of the station interior and the outside environment. MineARC airlocks feature positive pressure flushing systems that ensure the out-flow of air, preventing the ingress of contaminants into the sterile working environment of the first aid station while the door is open for entry.



## Battery Backup / UPS

An uninterrupted power supply (UPS) battery back up of up to 4 hours will provide peace of mind that all refrigerated consumable medical supplies will remain viable in the event of a power outage.



## Equipment Upgrade

Upgrade of included medical equipment from standard to premium equipment. Upgrades include manual blood pressure monitor to electronic blood pressure station, standard molded plastic dressing trolley to stainless steel dressing trolley, examination magnifying lamp upgrade, examination bed upgrade and more.



## LCD Display / TV Monitor

High definition LCD display with USB and HDMI slots for connection to data or devices. Can be used for instructional presentations, general health information or for external camera monitor.



## Camera

2MB high definition image sensor camera monitoring system to assist in enhancing security and asset monitoring. Ethernet & LAN accessible with additional SD card recording function (SD card included).

Access real-time video from multiple angles within your first aid station using remote camera control and digital zoom functions.



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