



Our flexible and innovative range of engineering cabins has been designed to meet international design codes and regulatory requirements. We manufacture all our cabins to the highest industry standards DNV 2.7-1, DNV 2.7-2, Atex and NFPA 496. Our pressurized cabin withstands even the most hostile offshore and marine environments.

State-of-the-art safety monitoring systems are incorporated, including an integrated fire and gas, pressurization and emergency shutdown system suitable for Zone 1 and Zone 2 hazardous area applications.

FEATURES

- Protected with a fully automatic fire and gas detection & shutdown system
- Fitted with heating, ventilation & air conditioning for ambient temperature 50 degree C
- Automatic fire dampers with local indication (fail safe)
- Quick connections for mains power and remote alarms
- Fan deployable for remote installation in a safe area
- Stackable 4 high on fixed or 3 high on floating installations using standard ISO connectors
- Equipped with fire extinguisher
- Load tested and supplied with fully certified lifting gear
- Improved end wall construction, with all equipment recessed by 50mm to prevent damage during transportation
- Internal wall paneling & ceilings using composite materials
- Surface mounted electrics for improved maintenance
- Gas and smoke detectors surface mounted
- Ventilated cupboards & doors
- Table supports in folded aluminum with radius to prevent knee injuries
- All Ex equipment surface mounted for easy service & calibration as per IEC 60079-17
- Outside Ex II2G Exd IIC T3 light (Zone 2)
- Outside Ex II2G Exde IIC T6 Emergency stop button (Zone 2)
- Escape hatch 800 x 800mm as standard
- Internal rectangular emergency light explosion proof
- Surface mounted stainless steel cable trays
- Improved ladder with dedicated recess and anti-slip paint to reduce hazard
- Removable cable hanger
- Removable main switch and auxiliary switch plate
- Pad lockable door cover for cable hanger
- Door locks on all doors with master key system
- All doors have door hooks fitted internally to reduce damage
- Transformers have primary and secondary connections on same side for improved serviceability
- Improved grid mesh for condenser area cover
- Improved window protection
- Ventilated ceiling void to avoid condensation

APPLICATION

- Wireline Logging Cabin
- Well Testing Lab
- MWD Cabin
- LWD Cabin



DETECTION AND ALARM SYSTEMS

Control pressurization, Fire and Gas detection panel included with all ancillary items. for use up Gas H2S and LEL detection, Smoke detection, pressurization fan, loss of pressure and flow devices

ELECTRICAL

Suitable for operation on 3 phase systems from 380Vac through to 690Vac at 50/60Hz. Container is supplied with 50m of power cable manufactured to IEC 332-3/IEC 92-350. Earthing is required at supply cable and to the chassis via the earth boss. Intrinsically safe (I.S.) earth connections are available on the I.S. earth bar.

MAIN POWER SUPPLY: INPUT TO TRANSFORMER

- >3x380VAC – 48,7A Max fuse 63A
- >3x400VAC – 46,2A Max fuse 63A
- >3x440VAC – 42,0A Max fuse 63A
- >3x480VAC – 38,5A Max fuse 63A
- >3x660VAC – 28,0A Max fuse 63A
- >3x690VAC – 26,8A Max fuse 63A

OPTIONAL

- A60 rated door and windows
- A60 emergency escape hatch
- CPGF: microprocessor based Combined Pressurization Fire & Gas control panel
- Talk-Back System with explosion proof speaker-microphone