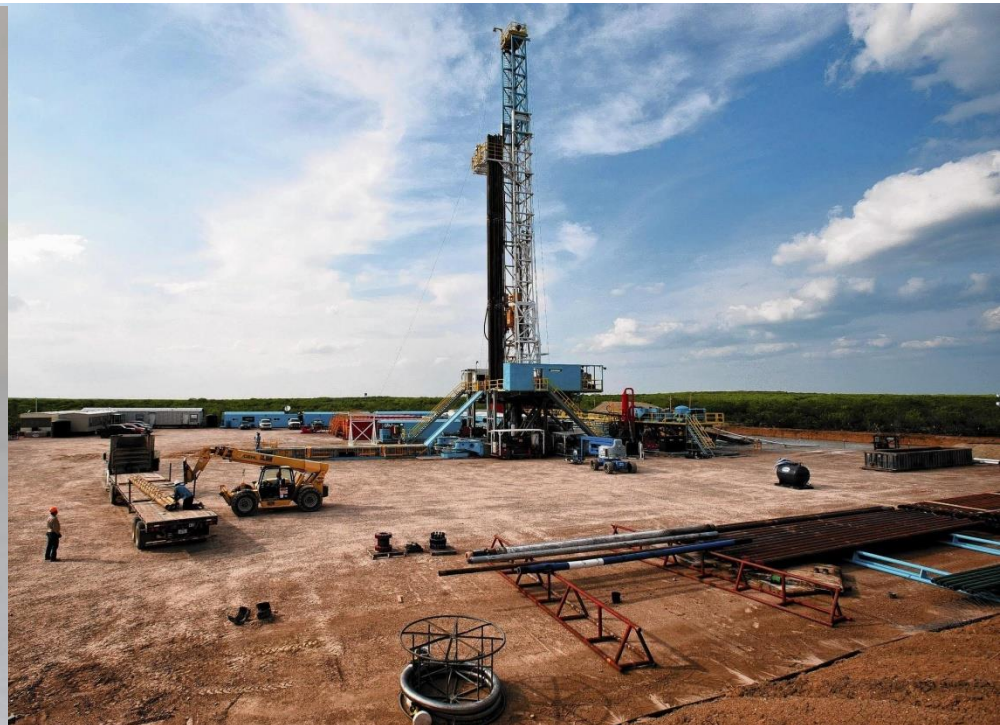


PREMIER

Seismic Electric Detonators



Product Description:

Premier Seismic Electric Detonators are a high strength static resistant electric detonator designed specifically to meet the rigid requirements and severe environmental conditions associated with geophysical exploration.

The unique features of these detonator is that they have extremely low reaction time and fire within 1 MS after passage of requisite electrical energy. The lead wires have extra thick PVC insulation which provides good abrasion resistance and desired electrical properties for use in watery holes.

Safety:

Anti static features minimize the risk of accidental detonation. Reliability and performance are assured and dependable.

Internal components and process controls assume each detonator meets rigorous standards of the seismic activity. The performance is assumed even under high hydrostatic and seismic environment

Packaging :

These detonators are packed well in a wooden case. Number of detonator per case varies depending on the length of the lead wires.

Storage:

Store under moderate and dry condition in a well ventilated approved magazine.

Advantages:

- Extremely useful for geophysical exploration as the detonator are precise and uniform having anti-static protection.

Recommendations for use:

- Delay detonators should only be used by personnel who have adequate knowledge in handling and use of explosives.
 - Delay Detonators contain sensitive components and must be handled with care at all times.
 - While using, the total circuit resistance to be monitored to ensure recommended in flow of current.
 - Do not use 2 manufacturers product in the same blast.
- Guidance provided by statutory authorization to be adhered to strictly

Shell Material	Aluminium / Copper
Shell Length	
Detonator strength	No.8
Lead wire material	Galvanised Iron wire / Copper
Lead wire length	As per customers requirement
Lead wire Range	23.5 SWG
Lead wire resistance	
Lead wire colour	Orange
Fuse head resistant	1 to 1.3 Ohms
Fuse head reaction time	<1 ms
No fire current	
All fire currents	7 – 10A
Impulse	49 MWs/ Ohm
Anti static Protection	35 KV / 750 pico farads between wires and detonator shells.
Under water pressure test	3 kg / cm ² for 24 hrs
Shelf Life	Up to 2 years under recommended storage conditions.

Application:

Exclusively used for geophysical seismic exploration jobs mainly by Oil & Gas Industries.

**Classification:**

PESO : Class 6, Division 3
UN No : Class 1.1 B, UN No. 0030

Premier Explosives Limited

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