Orica Seismic

With our global operations and geographical reach, Orica is the world’s leading provider of commercial explosives and blasting solutions. In recognising the unique needs and demanding operating conditions of seismic exploration, we are committed to meeting these needs, by creating new products and technologies through our unmatched R&D investment and innovation.

Our comprehensive product range makes more combinations of seismic explosives and initiating systems available to suit customers’ operational requirements. Around the world, Orica’s manufacturing plants are strategically located to ensure reliable and timely supply of product to all our customers.

Orica Seismic Electronic Initiating System – Oseis™

Oseis™ is a unique combination of a high strength super accurate detonator and a high security firing system designed specifically for geophysical exploration. The system can be used for both single and pattern firing applications in challenging situations. Safety and security are enhanced using the Oseis shooting system which utilizes a unique digital coded sequence and digital key to prevent accidental or unauthorised use.

Electronic detonator testing and data capture software allows seismic shooting plans to be downloaded and stored for easy shot control and explosives reconciliation that can provide additional quality control and permitting documentation.

Orica Seismic Explosive Range – Osx™

The Osx™ range of seismic explosives can generate usable signal strengths and bandwidth that covers a wide spectrum of seismic explosive needs. It includes a variety of energy sources based on varying explosive output parameters to meet geological and climatic conditions.

Multiple sizes and configurations are available to suit a range of applications and convenient packaging makes the product easy to handle and deploy.

Orica Seismic Detonator Range – Osd™

The Osd™ is a high strength electric detonator designed for performance in the tough environments common to geophysical exploration. The explosive output of the Osd™ ensures initiation reliability with detonator sensitive explosives, as demonstrated even in low temperature, high hydrostatic pressure and high humidity conditions experienced in geophysical exploration.

The detonator is designed for precision and high accuracy to ensure a short initiation lag time and firing within the sampling rate of most seismic acquisition systems.

The Power of Partnership Philosophy

At Orica, we understand that successful partners come together based on trust, communication and common goals. We believe that partnership means understanding, anticipating and responding to our customers’ changing needs and challenges.

Partnership is more than providing products or services. It’s working together to deliver the blasting outcomes your operation needs.

We’re committed to creating solutions that support your performance targets and reinforce your position in the industry. At the same time we’re determined to deliver the level of service you expect every day.

The way we measure our achievement is through your success. That’s the real Power of Partnership.

About Orica

Orica is one of the leading publicly owned Australian companies with operations in 50 countries and customers in twice that many.

Orica turns science into the solutions that satisfy basic human needs. Our products, brands and services can be trusted for their reliability, range and quality. Each of our businesses – Orica Mining Services, Orica Consumer Products, Chemnet and Chemical Services – is arguably the leader in its chosen market and enjoys a world class reputation.

At Orica, we care about people and the environment. We acknowledge our environmental, social and community obligations. Meeting those obligations is important to us, our customers and the community, and contributes to our aim to conduct our business in a sustainable manner.
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Seismic explosives and initiating systems

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