What's New

ISEE 48 Registration is Open

With the world slowly getting back to a new normal we are excited to be returning to the annual ISEE Explosives conference. We have our booth booked and are ready to see some old friends and meet some new players. It's more important than ever to be using the right products in the right applications. The best way to stay abreast of the latest industry trends, technologies and methods is at this annual conference.

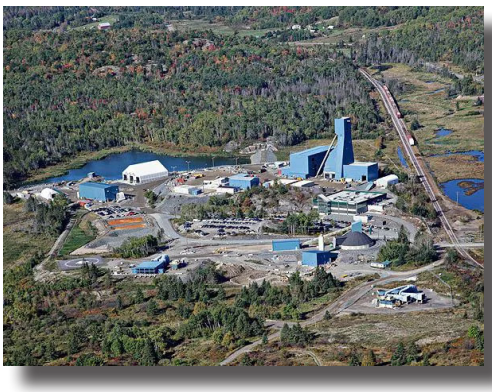
https://isee.org/conferences/2022-conference

About the Conference

The Annual Conference on Explosives & Blasting Technique is the largest conference in the blasting community, bringing together more than 1,500 field blasters, manufacturers, educators and researchers. The annual conference fosters discussions and presentations on the latest technology and techniques in the explosives industry.

Registration for the 48th Annual Conference on Explosives & Blasting Technique is open now! Join nearly 1,600 explosives industry professionals Jan. 28 – Feb. 2, 2022, at the Paris Las Vegas Hotel and Casino in Las Vegas, Nev. for the world's largest conference in the explosives industry.

All 39 miners are safe!



At 4:45 Wednesday September 29th the last miner from Vale's Totten Mine in Worthington Ontario breathed fresh outside air. When a scoop bucket being brought underground blocked the mine shaft, the workers were left with a daunting 1200 metre climb up a series of ladders to make it out the secondary egress. Giving the miners ample time to prepare the rescue was slow and methodical. With no injuries to report and everyone now safe at home, we couldn't be happier to hear the news.

What's New

Not all vibrations are the same

Ground borne vibrations from blasting can cause damage to buildings and infrastructure which are in the vicinity of the blast. The degree of vibration-induced damage caused by blasting is dependent on the magnitude, frequency and duration of the vibration. Generally, low frequency, long duration vibrations are more damaging than higher frequency, short duration vibrations.

The vibration waves produced by Nxburst™ are mostly of a higher frequency, with a mean of 150 Hz, and of short duration and are therefore the least harmful to sensitive structures.

In addition, the magnitude of the vibration levels produced by Nxburst™ is particularly low when compared to explosives over the same distance from the shot hole. When the propellant mixture in a Nxburst™ cartridge deflagrates, the almost instantaneous change from solid to gaseous matter is accompanied by a very sharp increase in the blast hole pressure and temperature. This is accompanied by a pressure wave that radiates from the drill hole, its amplitude decreasing as the distance from the drill hole increases.

The primary factors known to influence the level of ground vibration from the Nxburst™ cartridges include the weight of propellant per cartridge, distance between the drill holes and the point of measurement as well as how the local geological and topographical conditions influence the vibration attenuation. If you are concerned about vibrations in a current or upcoming project please make sure to give us a call.

EVERY CHILD MATTERS

Yesterday marked the first National Day for Truth and Reconciliation in Canada. We hope that although yesterday has only 24 hours, it will represent a life-long change in education. We honour the lost children and survivors of residential schools, their families and communities.

Coogar Sales & Services is the proud distributor of Nxburst and the FRAGMENTOR throughout Canada, US and Mexico and has the stock to meet your demands. With our staff having a practical drill and blast experience we can guide you through even the most delicate of jobs safely and effectively helping you and your bottom line.

Give us a call at (866) 762-5835 or visit www.coogarsales.com

Nxburst ROCK BREAKING CARTRIDGES

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