

NEWS THIS MONTH

YOUR SOURCE FOR ALL THINGS ROCK-BREAKING



ELECTRIC NXBURST CARTRIDGES WITH A DELAY ?

Breaking boulders or shooting a single row of holes in an armour stone quarry can be relatively simple in terms of wiring a blasting circuit. A single row of holes, all cartridges igniting instantaneously and a single series wiring circuit. When construction rock work is on your agenda, it is never this simple. Breaking rock for a trench can be pretty tough and without the ability to incorporate timing, an arduous task. Without timing there is no way to provide any relief of burden which limits you to no more than 2 rows at a time. If

your trench is 30 or 40 metres long you can imagine just how difficult it will be. Electric sequential timers like the Research Energy of Ohio or REO BM175-10PT Blasting Machine shown here can allow a blaster to apply timing to multiple series circuits. A single machine can allow an Nxburst user to wire 10 single series circuits of 80 cartridges. If you're doing the math now, you're correct, 800 cartridges in a single blast. These machines have been around since the very early 1970's and to be honest a bit of a dinosaur within the blasting world. They do however live on here at Coogar Sales & Services, we own a few complete REO systems and make them available for rent. We can provide our customers with additional training and blast designs utilizing these systems.



REO Sequential Timer



One of the things we strive to do here at Coogar Sales & Services is to provide an unmatched support system for our customers. The more than 50 years of rock breaking experience we have as a company really shines in using electric Nxburst cartridges and timing. The biggest issue with using an REO

sequential timer is the risk of cut-offs, or a wire break mid-event. You can imagine how much wire will be laying on the ground with 10 circuits. A damaged wire will stop the timer and the event at whatever point it was at, the blaster then has to trace the issue and repair the connect to restart the initiation sequence.

We have eliminated the cut-off problem with with an electric-delay Nxburst cartridge, exclusively available to Nxburst and Nonex Users

Pairing the REO Sequential Timer with our electric-delay cartridge will allow the REO to send out all the required current to each circuit but because of the down the hole delay built into the cartridge, every circuit in your sequence can be ignited before the first circuit actually deflagrates. This pairing won't eliminate the additional wire but it does have a few advantages.

No accessories or additional storage costs

Blasting circuits can be tested unlike non-electric

All material needed stays within the 1.4 classification

If you have a project coming up and think that this system may be of value we would love to hear from you. We can guide you through the system and help with a design to ensure that you can enjoy all the advantages that a sequential timer and Nxburst electric-delay cartridges can bring to your job.