



Rock drill simulation operator

What is a cybermine drill rig simulator?

The CYBERMINE Drill Rig Simulator range has been developed in collaboration with original equipment manufacturers to provide for rock drill operator training, re-training and evaluation in a simulated underground mining environment.

What is a drillsim simulator?

This simulator is fully customizable to emulate specific land rigs and equipment, allowing operators to practice in their real-life environments. The DrillsIM:600 is an advanced cyberbase simulator that offers unique drilling and well control training.

What training modules are included in the cybermine underground drill rig simulator?

The CYBERMINE Underground Drill Rig Simulator training modules also include tramming, in which the drill rig operator must employ due care and skill in order to avoid damage to vehicle components through collisions with the ceiling, walls and floor.

Why is drill rig operator training important?

Effective drill rig operator training in complex mining operations is therefore critical for optimising productivity, improving safety and minimising operating costs.

How does the cybermine underground drill simulator work?

The CYBERMINE Underground Drill Simulator system continually monitors and records the jumbo operator's performance in terms of drilling accuracies, adherence to safety procedures, correct equipment handling techniques and response to emergency situations and failures.

What does a rock drill operator do?

The job of a rock-drill operator is to operate a tractor-mounted rock drilling machine to drill explosives-charge holes through hard materials to facilitate blasting operations. The job requires the maneuverer to set out-riggers jacks to level the machine, verify level of machine, and insert the steel drill or rock bit into the chuck.

"It's important the operator knows how to accurately position the rig and the booms, change rods on the carousel and drill at the right angle and pressure so the rods and drill bit don't burn up, ...

The Occupational Certificate: Rock Drill Operator (SAQA ID 99252) is a qualification designed to equip individuals with the necessary skills to operate rock drilling equipment effectively.

Sandvik Mining is introducing a new AutoMine ® Surface Drilling Training Simulator, designed to accelerate operator competence and enhance the efficiency of ...



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4 days ago; Requirements for General Miner/Rock Drill Operator (RDO) Positions at Marula Platinum Mine To qualify for a General Miner or Rock Drill Operator (RDO) position at Marula ...

A Rock Drill Operator operates a hand-held rock drill, to drill holes and perform related operations. The qualifying learner will know the function and operating requirements for the machine, ...

As a Rock Drill Operator, your duties will include, but are not limited to: Operational Excellence: Drill holes accurately on marks and direction lines drawn by the Supervisor. ...

Job Description: 1) Drives and operates tractor-mounted rock drilling machine to drill explosive-charge holes through hard materials to facilitate blasting operations: Moves lever to set out ...

Sandvik Mining and Rock Technology introduces a new version of its operator training simulator to safely train underground drill operators.

Using the latest technologies in high-fidelity graphics and engineering simulation, the Drilling Simulator provides a complete and detailed immersive simulation experience of the start-to ...

For over two decades, we have been developing high-fidelity simulators for Epiroc mining equipment, building a vast and diverse range of Epiroc simulator ...

A Rock Drill Operator handles rock-drilling machinery. They drill holes specifically for explosive charges so that blasting experts can blow up areas of the mine to release the "rock" or to make ...

The most important feature in this simulator is that the drilling and well operations are performed using the world's most advanced drilling test ...

Digital Driller(TM) is compact and flexible simulation equipment for training operators and maintenance teams. Features Comprehensive training Digital Driller(TM) ...

Blasthole Drill Simulator is inbuilt with progressive training modules and records surface drill rig operator errors and events in real-time. The advanced instructor module continuously monitor ...

The duties of a drill operator include, but are not limited to: Operating a jackhammer to break up hard surfaces such as concrete or rock Inspecting ...

Sandvik Mining and Rock Technology says it is introducing a new version of its operator training simulator to safely train underground drill ...

Through simulation, operators develop skills fully from basic boom movements and manual drilling to full



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automated drilling operations using various training scenarios. Rather than conducting ...

Drill Jumbo Personal Simulator puts trainees at the controls of a modern twin boom Drill Jumbo in an underground mining tunnel (drift). Training efficiency is ...

The Drill training package consists of three parts: theory, simulators and results. First, an application specialist will go through the theory behind drilling and ...

This simulator develops the skills of a blast hole drill (surface drill) operator. Skills are developed progressively by subjecting the trainee to general, specific and emergency training scenarios. ...

Hurry! 32 Rock Drill Operator Jobs, Vacancies available now on joblife , the best source for jobs in South Africa. Apply Today!

MINING NEWS - JANUARY 2015 Blasthole drill rigs are complex machines and vital cogs in open pit mining operations. Global training simulator provider, ThoroughTec Simulation, is ...

Maximise simulator training effectiveness During the simulated drilling cycle, the drill rig operator performs all drilling tasks that would be required of the actual vehicle. The instructor is able to ...

The Drill training package consists of three parts: theory, simulators and results. First, an application specialist will go through the theory behind drilling and correct practices to ...

Are you ready to elevate your career with hands-on Rock Drill training? Join our intensive one-week course and become a certified Rock Drill operator in no time!

ThoroughTec has been developing advanced operator training simulators for Sandvik mining equipment for more than two decades. From surface drill rigs ...

The use of soft rock mining simulators is now widely accepted as an essential tool for optimising productivity, improving safety and minimising operating costs. The CYBERMINE Soft Rock ...

For novice operators, alignment guides assist in correct positioning of the drill boom. As a result, the trained operator is able to exercise correct drilling techniques for each scenario and rock ...

The upgrades include the ability to use the rig as a scaler and bolter over and above their normal drilling function. By modifying how the drill rods interact with the virtual mining world, the ...

Introducing the DrillsIM:600, an advanced cyberbase simulator that offers unparalleled drilling and well control training capabilities. This simulator is fully ...



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The training simulator teaches people how to operate real-world drills, reduces training costs and associated equipment damage and increases revenue by ...

The training simulator teaches people how to operate real-world drills, reduces training costs and associated equipment damage and increases revenue by maximizing drill operator efficiency.

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