

Solution Search

Increase Production with Simulator Training



Business Challenge

Companies want to squeeze every ounce of productivity out of their operations, especially in today's economic climate. Operators can directly affect production levels. A well-trained operator has the skills necessary to meet increased production demands.

Training a new operator often entails putting him in the seat of a machine and teaching on the job. This process can slow down site production and mining cycles while new operators are getting up to speed. Even experienced operators may have a wide range of skill levels, a lack of understanding of procedures or bad habits that slow them down. A 24/7, three-shift schedule can make group classroom training unfeasible. Pulling machines off the job site for one-on-one training slows down production and increases fuel costs.

Solution

Training all new operators, or retraining those with bad habits, can pay off to your organization's bottom line. The foundation of any training plan is to begin training on a heavy equipment simulator. Why let operators handle expensive machines and take the chance of a mishap? Simulator instruction can instill proper-use procedures right from the start. Operators can practice the exercises in a safe environment and progress can be checked through testing. Bad habits can be identified and corrected without any damage to actual machines. Proper use of control functions such as brakes and lifts; turning corners; load hauling and more are addressed on simulators. Even general wear-and-tear of machines can be reduced through proper handling.

Results

Instead of pulling machines from the line for training, begin training new operators on heavy equipment simulators. Operators can master controls, safety procedures and practice exercises designed to build skills. Training Directors can establish an overall standard of performance by assessing all operators for skill competency, regardless of their experience. The goal of any training program is to provide complete, consistent and standardized instruction. Simulators can provide the foundation of a total training program—a way to pre-train and assess operators before they train on actual machines. Cat® Simulators also allow you to test operator skills and get a permanent training record with eLearning companion courses and the SimU Campus™ management tool.

How Can You Benefit?

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