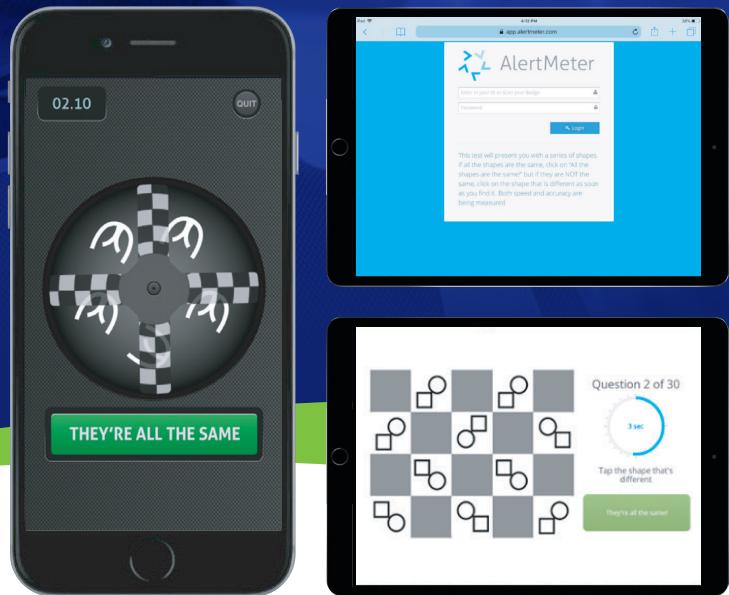




# THE FUTURE OF ALERTNESS TESTING



**SASM is proud to introduce AlertMeter® to Saskatchewan.  
We are the first to bring this revolutionary alertness testing software to Canada.**

AlertMeter® is a non-invasive, user-friendly way to ensure employees are fit for duty each day. It detects impairment from all sources including lack of sleep, emotional stress or drugs and alcohol.

The AlertMeter® alertness test is a fast and easy graphic test taken on a touchscreen tablet or smartphone that lasts less than 90 seconds. The interface displays different shapes that the user must identify accurately and quickly. The patented design does not simulate any particular job function but challenges a number of key brain functions that are necessary for all jobs.

AlertMeter's scoring algorithm compares each person's daily results with a pre-existing personal baseline. The system can also be used to detect subtle deviation in alertness levels for high-performance tasks.

Based on systems developed by Bowles-Langley Technology in conjunction with NIOSH and the NIH, AlertMeter® is a top-screen indicator of employee alertness in real time. The system can be used across an organization every day to filter for potential impairment in workers, providing opportunities for self-awareness and managerial intervention and further action when necessary.

*"Our initial concern was two-fold: workers reporting without an adequate amount of sleep as well as a defense against substance impairment. We found the AlertMeter® to satisfy both of our needs. An added benefit has been that since the employees know they will be tested daily, they are reporting to work in better condition and ready to go to work."*

- Gary Ostermueller, Prudential Stainless Pipe

**AlertMeter® customers  
have seen:**

REDUCTIONS IN EMPLOYEE TURNOVER AS HIGH AS

**35%**

REDUCTIONS IN WCB CLAIMS AS HIGH AS

**70%**

IMPROVEMENTS TO PRODUCTIVITY AS HIGH AS

**11%**



## Where do employees take the test?

Most organizations affix the touchscreen tablets to the wall near clock-in or common entries. Another option is using the mobile version of the test on smartphones. Both tests can be taken at any time throughout the day, or multiple times. The test takes approximately 60 to 90 seconds and provides instant feedback.

## What do employees think about AlertMeter®?

Surveys overwhelmingly show that employees appreciate the non-invasiveness of alertness tests, and employees feel that alertness tests create a safer work environment for everyone.

## Can you game the system?

Built into the software is a detection for gaming that can be made more or less sensitive. If it does detect gaming, the system aborts for a set period of time. As users become more adept at taking the test, their baselines automatically roll forward into more recent scores.

## How does management know when someone deviates significantly from their baseline?

The system provides a dashboard that is accessible for appropriate supervisors through login credentials. We can also set up text messages or other notifications for supervisors when a deviation is flagged. In addition, the user gets instant feedback at the screen after they take the test. Based on the company, the system can offer the worker a second opportunity to take the test if the deviation is too high.

## How is AlertMeter® used in conjunction with existing drug and alcohol testing protocols?

That depends on the organization, but the alertness test provides an excellent filtering system or as a first step in determining reasonable cause.

## Is it difficult to learn?

Not at all. The test is actually enjoyable to take, and most employees like to see their daily score as an insight into their current mental activity.

## STUDY RESULTS ON ALERTNESS TESTING

According to studies, alertness testing was considered successful because it indicates:

- A person's condition at the time they are working, not at some point in the indeterminate past.
- Impairment from all sources, not only from drugs and alcohol.

Alertness testing is less invasive of employee's privacy because:

- It is not physically intrusive.
- It does not disclose information about employees' private lives nor medical conditions.



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AlertMeter® is the registered trademark of Predictive Safety Inc.

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Employees who used alertness testing and considered their experience successful: **100%**

Employees who found that alertness testing improved safety: **82%**

Employees who found alertness testing superior to urine testing: **87%**

Employees who accepted alertness testing: **90%**

Source: National Workrights Institute: Alertness Testing: Does It Work?



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