



Picture: Acumine

No more nodding off! Acumine mining transporters are now equipped with the HaulCheck warning system

Night-time safety

LMS – the sensor that prevents nodding off

In Australia, inventive engineers have come up with something to prevent accidents involving trucks, caused by their drivers nodding off. The HaulCheck warning system detects when a vehicle is about to leave its lane. On board: the Outdoor version of the LMS laser measurement system.

The sleep warning system has been developed for mining transporters that can weigh up to 290 tonnes. If such a monster deviates from its lane it poses a considerable risk for its driver, the vehicle with its load, and any other traffic that may be present in the vicinity. Investigations of some of the most recent accidents have clearly pinpointed the main cause: drivers taking a brief catnap, exhausted by the hard work.

An electronic “wake-up call”

Now there’s no more snoozing. As soon as the LMS, measuring the distance to the posts alongside the lane, detects that the vehicle is getting too close to them, the HaulCheck system in the driver’s cabin gives out powerful optical and acoustic alarms. Simultaneously, other vehicles in the area are warned via radio and GPS.

Also assists alert drivers

HaulCheck, however, is not just an electronic alarm clock, but also an intelligent assistant. Thus the system detects the posts, arranged in a special geometry, and informs the driver that he or she will soon reach a crossroads, a dangerous stretch of road, or a loading or unloading area.

HaulCheck and LMS – wide awake day and night.

INFO 101

www.acumine.com

Software for risk analysis offers further developments in a double pack

EN ISO 12100 standards and the Check and Acceptance Assistant are integrated

Version 4.2 of Safexpert, the network-enabled CE software for uniform safety considerations of machines and plant, offers two important further developments: the conformity process in line with the “new” (EN ISO 12100) and “old” (EN 292) standards, and the “Check and Acceptance Assistant”.

Safexpert 4.2 thus also offers a smooth transition of the CE conformity process to the new EN ISO 12100 and a new service: uniform safety and quality examinations/acceptance of machines with just one tool.



Interested? The complete article is available at: www.safexpert.de

insightBOOK CORNER



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HMI Industrial Trade Fair in Hanover from 11 to 15 April
Hall 9 – Stand F 54
www.hannovermesse.de



SEMICON Europa in Munich from 12 to 14 April
Hall B2 – Stand 170
www.semi.org



interpack in Düsseldorf from 21 to 27 April
Hall 13 – Stand C60
www.interpack.com



Control in Sinsheim from 26 to 29 April
Hall 7 – Stand 7040
www.control-messe.de