

THE BEST QUALITY CRANE MATS



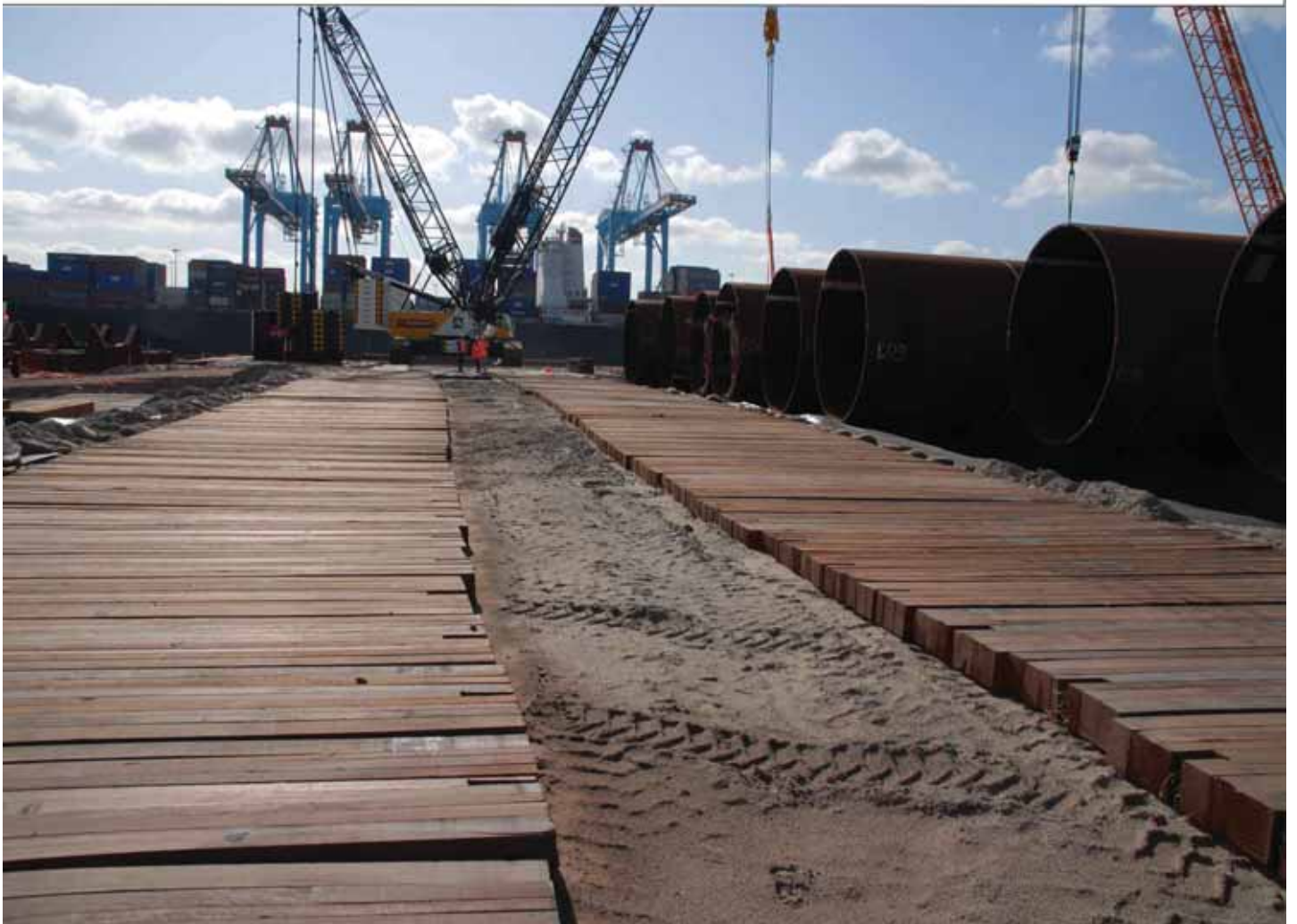
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Cameras to detect cyclists

UK-based industrial services company the Gatwick group has developed and installed a system to detect cyclists that might otherwise be in a truck driver's blind spot.

Accidents usually occur when cyclists or other vulnerable road

users find themselves in the blind spot of a large vehicle. So the company has fitted its entire truck fleet with a four point camera system which records the side and rear of the truck. It provides the driver with direct, real-time views from inside his cab as well as

storing footage for up to six days in a 'black box' data logger/recorder. The stored data can be used both in the case of an accident and/or for training purposes in the case of a near miss. The principle aim is help reduce incidents involving cyclists and large trucks.



Side camera view of cyclist



Drivers view with monitor

The move is part of the company's support for The Times 'Cities Fit for Cycling Campaign' after 27 year old Times newspaper journalist Mary Bowers was hit by a truck just seconds before arriving at work on her bike. She has yet to regain consciousness, some five months later. Tragically there have been more than 27,000 cyclists who have either been seriously injured or killed in the UK over the past 10 years.

Bob Toon, managing director of the Gatwick Group said: "We have long been aware of the problems associated with HGV's and vulnerable road users and hope that by adopting these innovative safety measures, along with educating both drivers and cyclists alike regarding the risks and responsibilities that come with sharing the roads, we can hopefully reduce the risk of injury or death."

No more UV leak 'false positives'

A smart new fluorescent dye from Spectroline claims to solve a problem that has long prevented engineers working on hydraulic oil systems from enjoying the benefits of ultraviolet leak (UV) detection.

The new Red Dye solves the problem of "false positives" from oil, grease and hydraulic fluid, simply because of its unique colour. In many industries, UV leak detection, which uses fluorescent additives and a blue (450nm) UV light, is well established as the simplest and most reliable way to pinpoint escaping fluids.

However, many of the substances used in hydraulic and systems naturally fluoresce yellow under UV light - the same colour as other commercially available leak detection dyes - leading to the chance of false positive results from residual oil, grease or sealant. In response, Spectroline has worked closely with a number of companies to develop its Red Dye. The special formulation is now available in a range of eight products offering solutions and colours for a variety of different hydraulic and water-based situations.

Advanced sales director Vern Klein said: "The benefit of having so many dye formulations and colours available is that we can offer bespoke combinations and fault-finding regimes for all manner of systems. For example, an engine might have lubricant, coolant and fuel each dyed a different colour enabling the engineer to not only spot the leak, but identify its source as quickly as scanning with a lamp."

"UV leak detection is incredibly easy to use and the dyes are all completely inert so they can be added to all manner of fluids without damage to the system. The possibilities are endless."



Differential pressure switches

German-based electronics company Tecsis has launched two new mechanical and electronic differential pressure switches. The S4540 mechanical differential pressure switch has a high overload pressure of 16 bar and a burst pressure of 25 bar. It can switch a load depending on a pressure difference and has a changeable switching point between 10 and 100 percent of the full range, which can vary from 0.6 up to six bar.

The S1510 electronic differential pressure switch can swop the connected loads depending on the pressure difference and is able to display it on a 3.5 LED screen. It also provides an analogue output signal which can be damped, spread, inverted or linearly transformed.



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