SHAWCOR
Pipe Lifting at Kabil Industrial Facilty

HIGHLIGHTS

Removed personnel away from the loads and under the crane boom



Shawcor, a Canadian based energy services company is one of the largest pipe-coating providers in the world. As part of its safety initiative, Shawcor identified the use of Roborigger to keep personnel away from the loads and under the crane booms while lifting and stacking heavy pipes.

Shawcor contracted the use of Roborigger for an initial one-month trial of the load controlling technology at their pipe coating facility in the new Kabil Industrial Estate on Batam Island, Indonesia.

The Roborigger AR15 (15 tonne WLL) unit was used primarily to lift and stack 12 metre long pipe joints with crawler cranes.



Automating pipe lifting with specialised spreader

Shawcor was impressed with the outcome of the trial, and is now working with Roborigger to develop a customised spreader technology for its pipe lifting operations.

The spreader system will use a Roborigger ARM load controlling module linked to a slightly modified container spreader. A single remote control will be used to operate both Roborigger for orientation and the spreader control system for connecting the twistlocks.

PROJECT DESCRIPTION

Shawcor, a Canadian based energy services company is one of the largest pipe-coating providers in the world. Shawcor's Kabil coating facility is located in the new Kabil Industrial Estate on Batam Island, Indonesia

APPLICATION	:	Roborigger AR15 (15 tonne WLL) was used to lift and stack 12 metre long pipe joint with crawler cranes
CLIENT	:	Shawcor
LOCATION	:	Batam, Indonesia
DATE	:	October 2019
ROBORIGGER MODEL	:	AR15 (WLL 15 tonnes)