

BLOK Cert is a patent applied for system for certifying that a pair of empty container together with their four SAT twistlocks can be lifted in vertical tandem lift ('VTL') by STS cranes safely.



Once provided, the **BLOK Cert** is held on a database integrated with the Terminal Operating System, Shipping Line Stowage System, and the receiving terminal TOS so that empty containers can be safely and confidently lifted in VTL in the knowledge that they have been proof tested, inspected and certified for safe operation.

To generate a **BLOK Cert** a proof lifting load test as required under Machinery Directives 2006/42/EC, complying with LOLER, SOLAS, and OSHA requirements is provided using the **BLOK Rig**. The load is applied to the container and its twistlocks as a trained and qualified supervisor witnesses the test, inspects the container and its twistlocks. The **BLOK Cert** system is generated electronically with the details of the tested container, the twistlocks, dates, and so on.



As the VTL containers arrive at the destination port from any terminal in the world, the terminal operator can view the certificates and confidently instruct the crane driver to lift the VTL paired containers off the ship.