

BEST PRACTICE

LOCATION:	Transport	ARTICLE YEAR:	2003
ACTIVITY:	Transport	COMPANY:	Aggregate Industries
SUB ACTIVITY:	On-highway	COMPANY LOCATION:	Marybank Quarry, Isle of Lewis
BEST PRACTICE No:	BP32	COMPANY TEL:	01851 703227

TITLE

Cement delivery controls and procedures

ARTICLE

Delivering to the remote Hebridean Isle of Lewis proves time-consuming and expensive. Major improvements in all these areas have been made since five specialist vessels with a cumulative storage capacity of 1,000 tonnes have been installed on site. This means that cement can be delivered in bulk by boat, and taken the short remainder of the journey by road.

The new system has raised several safety concerns all of which have been comprehensively dealt with. Road tankers deliver cement into the top of the new vessels at a height of 12 metres and close to the quarry face. For the safety of personnel, a protective barrier has been installed next to the quarry face and road barrier sections enclose the work area around the delivery pipes.

Delivery pipes are marked to identify their silo number and contents, and a repeater panel has been installed. Delivery and emergency procedures are clearly posted. A walkway with a lockable gate provides access to the top of the pressure vessels, avoiding the need for a ladder.

ARTICLE IMAGES



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