BEST PRACTICE

LOCATION:	**Quarry**	**ARTICLE YEAR**	**2006**
ACTIVITY:	**Manual handling and storage**	**COMPANY:**	**Foster Yeoman**
SUB ACTIVITY:	**N/A**	**COMPANY LOCATION:**	**Glensanda Quarry, Morvern**
BEST PRACTICE No:	**BP311**	**COMPANY TEL:**	**01631 730441**
COUNTRY OF ORIGIN:	**United Kingdom**		

TITLE

Installation of bulk propane gas storage system

ARTICLE

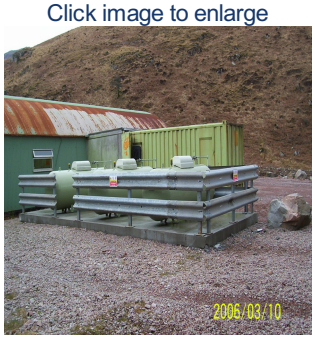
Gas bottles were kept in three separate locations at this remote site to power the cooking and tumble dryer facilities. When moving the bottles, there was the risk of injury to workers, such as strains, trapped fingers and toes. In addition, the lack of a gauge on the bottles regularly resulted in the system 'running dry' before a change was made. In addition, the bottles were stored close to vehicles, with occasional impact damage being sustained by the bottles.

To remedy the situation, a new gas storage system, bringing all three tanks into one place, has been positioned in a sheltered location. A concrete pad forms the base and underground pipes link directly to the tumble dryers and the kitchen.

There are devices to measure the flow of gas, with a safety cut-off valve that can work if the flow of gas is too low, indicating a leak. The tanks are scheduled to be refilled when they drop to 25 per cent capacity, to ensure an uninterrupted supply.

ARTICLE IMAGES

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storage