

BEST PRACTICE

LOCATION: Quarry **ARTICLE YEAR:** 2005
ACTIVITY: Maintenance & Housekeeping **COMPANY:** Tarmac Northern
SUB ACTIVITY: N/A **COMPANY LOCATION:** Coxhoe Quarry, County Durham
BEST PRACTICE No: BP102 **COMPANY TEL:** 0191 3770611

TITLE

Maintenance for dryer drum

ARTICLE

Tarmac Northern has developed a system for improving the routine maintenance task of tracking the dryer drum. Manufacturers™ recommendations stipulate that the drum must be tracked under load and whilst in operation.

This requires personnel to stand within the perimeter/distance guarding whilst the dryer is in operation.

Tarmac Northern designed and installed a remote hydraulic tracking system. The system utilises a pair of hydraulic rams, installed to both feed end trunnion bedplates. The rams are connected to a centralised hydraulic power pack, positioned under the dryer. Operation of the system is achieved by remote control from outside of the guard.

This system could have major benefits to the whole industry as most older (and even some newly designed) plants still incorporate manual adjustment equipment which cannot be accessed unless personnel access the inside of the perimeter/distance guarding surrounding the dryer position.

ARTICLE IMAGES