


BEST PRACTICE

LOCATION: Readymix or mortar plant **ARTICLE YEAR:** 2005
ACTIVITY: Production and Processing **COMPANY:** CEMEX UK Materials
SUB ACTIVITY: Readymix **COMPANY LOCATION:** Mansfield Concrete Plant, Nottinghamshire
BEST PRACTICE No: BP160 **COMPANY TEL:** 07771 878373

TITLE

 On Video

Portable additive dispensing system

ARTICLE

The safety team has devised a portable additive dispensing system (PADS) to enable concrete mixes to be safely dosed with additives at the production unit or delivery site, minimising manual handling and other hazards.

The PADS system is quick to assemble, lightweight and easily stored in the boot of a car. It enables the user to dispense additives remotely at floor level with the minimum risk of slips, trips and falls due to spillages or working from height.

The system utilises a steel box to house the arrangement of the pump, a flow-meter, battery and associated flexible pipe-work. The pump draws additive stored in nearby containers via a flexible plastic pipeline supported by a Shepherd™s Crook™ arrangement, and dispenses into the mixer truck at a rate of approx 5 litres per minute at a height of approximately three to four metres.

ARTICLE IMAGES