

BEST PRACTICE

LOCATION: Transport

ARTICLE YEAR: 2001

ACTIVITY: Transport

COMPANY: CEMEX

SUB ACTIVITY: On-highway

COMPANY LOCATION: Carlisle Concrete Plant, Cumbria

BEST PRACTICE No: BP26

COMPANY TEL: 01768 860816

TITLE

 On Video

Truck mixers - pump system for additives

ARTICLE

Operators and owner-drivers of this Cumbria plant were concerned about the need, mainly on customers sites, to add products to concrete / mortar after mixing. Drums filled with up to 25kg of liquid chemical had to be carried up a set of ladders before being tipped into the drum mixer.

The solution was a simple and effective pumping system, which can be adapted to fit all makes and models. It can also be fitted without welding or drilling to any chassis or original steelwork by careful design of the carry case brackets.

Two 25-litre containers, held in place by a ratchet strap and hooks, were incorporated into the design & one for the add mix and one for water to flush the entire pump and pipe work. The galvanised bund tub is made to hold any spillage or in the case of a ruptured vessel, all the contents to prevent highway contamination. In addition, a 12mm threaded bung is fitted to the galvanised tub for drainage purposes if needed.

ARTICLE IMAGES



Truck mixers



Pump system for additives