

BEST PRACTICE

LOCATION: **ARTICLE YEAR:** 2008
ACTIVITY: Manual handling and storage **COMPANY:** Tarmac
SUB ACTIVITY: N/A **COMPANY LOCATION:** Thornton Concrete, Blackpool
BEST PRACTICE No: BP534 **COMPANY TEL:** 07702 632234

TITLE

Skip elevator system for loading ,bagged admixtures™

ARTICLE

Loading bagged admixtures to ready-made concrete presents a number of safety problems:

- Working at heights: climbing ladders to the truck mixer;
- Manual handling: involves repetitive movements;
- Contact with raw materials; and
- Slips, trips and falls.

The idea that was developed to overcome all these problems was taken from an existing elevator system which was modified to suit the needs of the site. The system uses a mechanical process which lifts bags of admixture via a skip/hopper elevator up to the truck mixer loading chute. The operation ensures the full contents of the skip/hopper are safely discharged into the truck mixer drum. Concrete can then be loaded into the mixer on top of the admixtures ensuring that the admixtures are mixed thoroughly.

This has removed all the dangers that were present beforehand.

ARTICLE IMAGES