

BEST PRACTICE

LOCATION: **ARTICLE YEAR:** 2008
ACTIVITY: Manual handling and storage **COMPANY:** CEMEX Eastern Region
SUB ACTIVITY: N/A **COMPANY LOCATION:** Grimsby Coating Plant, Lincolnshire
BEST PRACTICE No: BP543 **COMPANY TEL:** n/a

TITLE

Hydraulic burner removal system

ARTICLE

As part of the burner and dryer maintenance scheme, it is a requirement for the combustion chamber to be inspected monthly and replaced at twelve monthly intervals. However, to get access to the combustion chamber, the burner body has to be removed. This is a difficult task which can take several hours and involves a high level of manual handling.

Changes have been made which improve this task. The burner location system has been modified so it is easy to use. The track and burner cradle have been modified so the burner can move back without sliding to one side and a hydraulic ram has been installed to allow the burner to be jacked in and out in minutes rather than hours.

These measures have had the following benefits:

- Manual handling has been minimised;
- Operatives have been removed from the immediate area whilst the burner is being retracted; and
- The use of pry bars has been eliminated, minimising the risk of an accident.

Overall, a simple safe system has been created to remove the burner.

ARTICLE IMAGES

