


BEST PRACTICE

LOCATION: Cement plant
ACTIVITY: Maintenance & Housekeeping
SUB ACTIVITY: N/A
BEST PRACTICE No: BP763
COUNTRY OF ORIGIN: United Kingdom

ARTICLE YEAR: 2011
COMPANY: Lafarge Cement UK Ltd
COMPANY LOCATION: Aberthaw Works
COMPANY TEL: 01446 752363

TITLE	
Construction of a precast section arch at the inlet of a kiln.	
ARTICLE	
<p>Description</p> <p>Aberthaw Works has developed a new methodology to replace the arch at the inlet of their kiln. The system uses pre-cast sections. The pre-cast sections are manufactured in a controlled environment and cured in a furnace at the recommended temperature. Bolted anchors are placed in the sections before casting, and these are then used install the arch.</p> <p>Benefits</p> <ul style="list-style-type: none">• The sections are of consistent quality, longer lasting and far less prone to failure• Removes hazards previously associated with welding and subsequent weld failures• Operation is a lot quicker minimising exposure to this harsh environment• The use of vibratory equipment and jack has been eliminated	
ARTICLE IMAGES	