


## BEST PRACTICE

LOCATION:	Cement plant	ARTICLE YEAR	2011
ACTIVITY:	Maintenance & Housekeeping	COMPANY:	Lafarge Cement UK Ltd
SUB ACTIVITY:	N/A	COMPANY LOCATION:	Aberthaw Works
BEST PRACTICE No:	BP763	COMPANY TEL:	01446 752363
COUNTRY OF ORIGIN:	United Kingdom		

TITLE	
<b>Construction of a precast section arch at the inlet of a kiln.</b>	
<b>ARTICLE</b>	
<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"><li>• The sections are of consistent quality, longer lasting and far less prone to failure</li><li>• Removes hazards previously associated with welding and subsequent weld failures</li><li>• Operation is a lot quicker minimising exposure to this harsh environment</li><li>• The use of vibratory equipment and jack has been eliminated</li></ul>	
<b>ARTICLE IMAGES</b>	