

# APPLICATION REPORT

Application Reports are an excellent way to share knowledge throughout the Blagdon sales network. Reports will be available to all unless stated. If any part of this report should remain confidential and not published, please highlight or inform Joanne Shutt


**PUMP MODEL**

 2BAAW3NNS (Aluminium/Neoprene )  
 .....

**INDUSTRY**

 CERAMICS  
 .....

**DESCRIPTION OF PROCESS/APPLICATION**

This ceramics company is one of the leading sanitaryware manufacturers in the UK and for many years have chosen Blagdon as the site standard for air operated diaphragm pumps. As part of the production process for producing the slip it is necessary to move a mixture of milled sand and water some 200 yards around the factory.

Traditionally, the pump used for this application was a twin ram deadweight pump designed many years ago specifically for the ceramics industry. This pump can be seen in the background of the photograph.

When this pump needed a major overhaul we suggested that it could be more cost effective to replace it with one of the latest Blagdon full flow 2:1 pumps. Their engineer was extremely sceptical about the ability of such a small pump to carry out this operation successfully. However, after some 18 months operation they are now convinced they made the correct decision and are hoping to replace the deadweight pumps in other applications as the opportunity arises.

**PUMP STATISTICS**
**DUTY** Sanitaryware slip, S.G. 1.65

**FLOWRATE** Up to 230 l/min

**HEAD** Up to 4 Bar

**AIR PRESSURE** 4 Bar

**ANY OTHER INFORMATION**
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