

# Application Report - No.14

# Flushing



Selwood were asked by Brite Water Limited to flush through over 4000m of 350mm cast iron pipework that was to be used to carry chilled water to a computer building complex for Axima in Northholt, Middlesex.

Brite Water of Wrexham who were installing the chilled water system and pipework were very impressed with the equipment. Their Contract Manager said that he would use Selwood again for any further jobs they had in the UK.

It was essential that no impurities were left in the system. It was also imperative that no contaminants were transferred from the pumps and pipework used in the flushing. Two D200 pumpsets were fully disinfected and chlorinated.

The pipework had to be filled and then flushed at a rate of 55m<sup>3</sup>/hr. The process of completely flushing all the pipework took four weeks to complete. A final test also ensured there were no leaks in the system.



|                     | <b>D200</b>          |
|---------------------|----------------------|
| Power Requirement   | 42kW                 |
| Pump Speed          | 1500rpm              |
| Capacity            | 600m <sup>3</sup> /h |
| Suction Lift        | 9.1m                 |
| Max Solids Size     | 55mm                 |
| Air Handling        | 24 l/s               |
| Inlet / Outlet Port | 200mm                |
| Delivery Head       | 37.5m                |



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