

## JAMS & SPREAD PRODUCING COMPANY

**CLIENT:** Confidential

**PROJECT:** Liquid Sugar  
Upgrade

**VALUE:**  
£1.25 Million



### SIX (6) X 50 TON LIQUID SUGAR TANKS

**S4 Engineering designed and installed 3 x 50 ton liquid sugar and 3 x 50 ton glucose tanks as part of a major liquid sugar upgrade.**

All tanks are lagged and clad.

Eight lobe pumps complete with front facing pressure relief valve capable of delivering 10,000 Ltr/Hr were also supplied.

Supplying and installing two mass flow meters and all interconnecting pipework, pumps and instrumentation package.

All new equipment integration supplied with detailed process and dimensional design of the complete package. (DQ Document)

Recipe management and control systems integration Package plus design, testing and installation of software code to operate the package.

Commissioning of the package to its operating conditions including all functional operations and alarms testing.

**TWO (2) X FILL TANKER POINTS**

**ONE (1) X THERMAL INSULATION PACKAGE**

**ONE (1) X HEAT TRACING PACKAGE**

**ONE (1) X CONTROL PANELS DESIGN &  
INSTALL PACKAGE**

**ONE (1) X RECIPE MANAGEMENT AND  
CONTROL SYSTEMS INTEGRATION PACKAGE**

**ONE (1) X DESIGN, TESTING & INSTALLATION  
OF SOFTWARE CODE TO OPERATE  
THE PACKAGE**

**ONE (1) X COMMISSIONING OF THE  
PACKAGE TO ITS OPERATING CONDITIONS  
TO INCLUDE ALL FUNCTIONAL  
OPERATIONS AND ALARMS TESTING.**



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## SIX (6) X 50 TON LIQUID SUGAR TANKS

**ONE (1) X OPERATORS TRAINING  
PACKAGE**

**ONE (1) X FULL OPERATION AND  
MAINTENANCE DOCUMENTATION  
PACKAGE**

**ONE (1) X PROJECT MANAGEMENT  
PACKAGE**

**ONE (1) X CDM MANAGEMENT PACKAGE**

**ONE (1) X PERFORMANCE GUARANTEES  
PACKAGE**

**ONE (1) X NEW SECTION OF CONCRETE  
SLAB WITH NEW DRAINAGE & RESIN  
FLOOR FINISH**



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