



INDUSTRY: FOOD & BEVERAGE

**LEADING BEER
MANUFACTURER**

Tanker Transfer and Mixing Flowmeter Verification

BACKGROUND:

Our colleagues at a leading beer manufacturer were experiencing errors with totalisers and ABV% during the transfer and mixing phase of the process.

Inaccurate readings can have a seriously detrimental effect on a business' bottom line if product to be sold ends up wasted.

DPS Group were recommended as experts in flow verification applications.

PROJECT OBJECTIVES:

The initial challenge was to carry out inline flow verification under process conditions as errors in the process transfers resulted in significant losses both in product and financially.

DPS were challenged to reduce the error and accuracy in the system within +/- 0.3%.

PROJECT AREA:



**Instrument
division**

Our instrumentation team deliver outstanding results, using cutting edge technology, and delivering outstanding client service.

SYSTEM TECHNICAL SOLUTION:

A site survey was carried out to confirm positions available for integration of our stand alone flow test rig.

A suitable position was advised by DPS and any areas that required modification were carried out prior to the site visit.

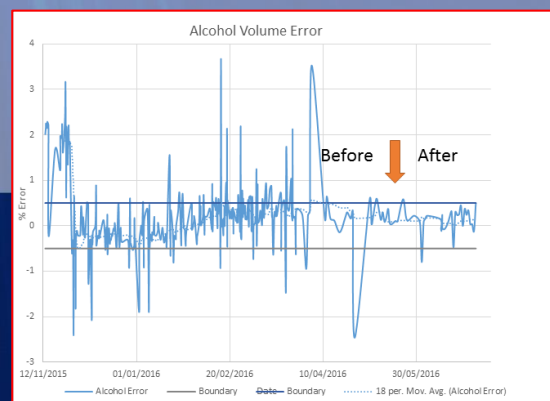
The visit for verification was carried out over a one week period and the results identified significant errors.

We utilise our standalone, mobile, zone 2 rated UKAS accredited flow calibration unit.

All of this was achieved with minimum disruption to production.

Using inline calibration removes system errors, ensuring you'll always know when a pint is a pint.

After a calibration was carried out the tolerances were reduced below the customer's objective of +/- 0.3% specification.



DPS Group - One Integrated Solution - Case Study

ABOUT DPS GROUP

DPS Group provides a range of integrated solutions across a range of sectors, delivering the highest standards of safety, quality, environmental compliance, and customer service.



Our customers benefit from the collaboration between our:

- **Systems expertise:** design, engineering and project management
- **Customer services:** electrical, instrumentation and control construction
- **Product strength:** strong brand partnerships and quality product

We operate a socially responsible business, providing employment opportunities for young people, and supporting the community we serve via our DPS Local Heroes programme.



GET IN TOUCH

To set up an informal discussion about your project, email us via info@dp-sgroup.co.uk or call 01592 772577.

DPS Group website: www.dp-sgroup.co.uk
Local Heroes: <http://localheroes.dp-sgroup.co.uk>

OUR INTEGRATED EXPERTISE

The sectors we work in:



The services we provide:



Control panels



Electrical division



Automation solutions



Systems support



Turnkey systems



Project management



Instrument division



Product sales



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