



Improving Food Operations Training

Challenge

Newcastle University have opened Europe's first student run microbrewery (www.stubrew.com), helping students gain hands on experience at running a business, operating equipment and researching sustainability improvements for the brewing process. A challenge exists in training students in order to enhance their process understanding and operation of the equipment.

Approach

Britest facilitated a brief study of the brewery operations to produce *Process Definition Diagrams* and *Rich Pictures & Cartoon* of the equipment.

The diagrams were then used alongside the Standard Operating Procedures (SOPs) to explain the process in detail.

Benefits

- The approach is particularly useful in helping new volunteers to quickly see the important stages, and implications of operating incorrectly.
- Easier visualisation of the fundamental science behind the process.

Key Features:

Collaborators

Newcastle University

Industry - Application Area

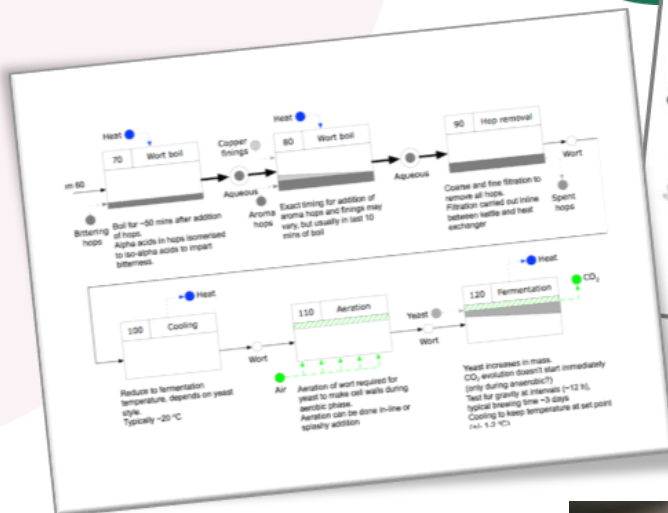
Food and drink

Challenge

Use of Britest tools to support operation of a microbrewery, and in particular to help train student operators to enhance process understanding

Outcomes

Successful implementation of Britest Rich Pictures and Process Definition Diagrams for the brewery operation resulted in a decrease in operational errors



“ The Britest tools are a great way to distil a lot of information into an easily digestible document; ideal for process visualisation. ”

CHRIS O'MALLEY, HEAD BREWER AND ACADEMIC LEAD
Stu Brew



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Generating value from process understanding