

**SUMMARY OF CHANGES – DECEMBER 2016**  
**Beer Standard Issue 1 to Issue 2**

In the Issue 2 Guidance Notes, changes are shown in ***bold italics***, as they are in the Standard. Please note: some Requirements have simply been moved to a different section or re-numbered within the same section, but are otherwise unchanged and are not shown in bold italics.

No.	Requirement / Clause	Description of Change
<b>1.3 Cleaning</b>		
1	1.3.2	<b>Guidance:</b> For vessels, this can take the form of a visual inspection, microbiological testing or adenosine triphosphate (ATP) testing depending on e.g. the site's risk assessment, to validate the effectiveness of cleaning
2	1.3.5	<b>NEW 'Tools &amp; Tips'</b>
3	1.3.6 <b>NEW</b>	<b>New Issue 2 Requirement/Clause</b> detailing how procedures shall be in place to prevent contamination of the beer both from the cask and its cleaning operation. <b>NEW 'Tools &amp; Tips'</b>
4	1.3.7 <b>NEW</b>	<b>Caustic Cleaning:</b> Previously listed in Issue 1 as 1.3.6 with no inherent changes for Issue 2
<b>1.4 Contamination/Cross-Contamination Prevention</b>		
5	1.4.1	<b>Guidance:</b> New guidance regarding risk assessment for factory tours if the site is a Brew Pub; controls procedures for onsite milling operations
6	1.4.3	<b>Guidance:</b> Improved guidance on: Isinglass finings; Sulphur dioxide found within Caramel; risk of gluten contamination; unusual recipes bringing unexpected allergens onto site.
7	1.4.4	<b>Guidance:</b> New guidance on handling and use of glass bottles.
8	1.4.7	<b>Guidance:</b> Reference made to the <i>British Beer &amp; Pub Association Code of Practice ex Glycol</i> . <b>NEW 'Tools &amp; Tips'</b>
9	1.4.9	Cleaning of final packaging: Requirement/Clause wording changed to give better clarity.
<b>1.5 Environment &amp; Process Control</b>		
10	1.5.5	<b>Guidance:</b> Issue 2 states 'refractometers should be checked e.g. weekly' instead of 'verified' as stated in Issue 1.
11	1.5.6	<b>Guidance:</b> Issue 2 states that a site shall be in compliance with the current <i>British Beer &amp; Pub Association Large Pack Code of Practice</i> (i.e. for kegs and casks). <b>NEW 'Tools &amp; Tips'</b>
12	1.5.7 <b>NEW</b>	<b>New Issue 2 Requirement/Clause:</b> the business shall ensure the filling operations are effectively controlled with regard to quantity control (volume), cleaning and foreign body control.
<b>1.6 Control of Raw Materials</b>		
13	1.6.1	<b>Guidance:</b> In Issue 2, STS added to the 'third party audit list' for food safety compliance
14	1.6.5	<b>Guidance</b> added: a statement on storage off the floor to prevent pest infestation.
<b>1.8 Waste Control</b>		
15	1.8.4	<b>Guidance</b> added: certification to a suitable feed materials assurance scheme required if the business provides spent grain, yeast or ullage as animal feed to members of Assured Food Standards schemes
<b>1.9 Pest Control</b>		
16	1.9.6	<b>Guidance:</b> Reference to fumigation removed – <b>Issue 2</b> now only states 'inspection at least annually'.

No.	Requirement	Description of Change
<b>5.0 Legal Requirements</b>		
17	5.1 <b>NEW</b>	<b>New Issue 2 Requirement/Clause:</b> In addition to HMRC, site shall be registered with AWRC (except when it sells only from 'the brewery gate'). AWRC = Alcohol Wholesalers Registration Scheme
18	5.2 <b>NEW</b>	<b>In Issue 2,</b> wording of Requirement has been modified. <b>Guidance:</b> 'The analytical laboratory should be certified against an accredited scheme eg ISO 17025'; <b>in Issue 2:</b> more guidance is given on other schemes e.g. Brewing Analytes Proficiency Testing Scheme (BAPS)
19	5.3	<b>Guidance</b> added: Level of insurance is dependent on size of business but a minimum of £10 million is recommended.
<b>6.0 Quality Requirements</b>		
20	6.1	<b>Guidance</b> added: beer tasting courses are available through beer industry bodies e.g. Institute of Brewing and Distilling (IBD). <b>NEW 'Tools &amp; Tips'</b>
21	6.3 <b>NEW</b>	<b>In Issue 2,</b> Requirement/Clause has been split. 6.3 now details only microbial analysis on beer & yeast with reference to <i>Institute of Brewing and Distilling Micro Guidelines</i> .
22	6.4 <b>NEW</b>	This Requirement/Clause in Issue 2 now refers only to Apparent Total N-nitroso Compounds (ATNC) analysis with additional guidance now given.
23	6.5	<b>Off-site Packing:</b> Issue 1 clause 6.4 is now Issue 2 clause 6.5