

Carry out flavour quality assurance in brewing

Overview

This standard covers the skills and knowledge needed for you to carry out flavour quality assurance in brewing.

This standard covers the skills and knowledge needed for monitoring and maintaining the quality of products from a raw material and production perspective, through to the end customer/consumer, within brewing. You need to identify quality problems and take action to resolve these. You will be involved with relevant quality control systems and procedures which are used in your workplace.

This standard is also about understanding the principles of assuring beer flavour quality standards in brewing. It covers organisational standards, terminology for describing beer flavours, flavour evaluation and profiling, faults and contamination issues and taste training.

This standard is for you if you are involved in, and require a broad knowledge and understanding of, assuring beer flavour quality in brewing. You may be responsible as a supervisor/team leader in brewing.

Carry out flavour quality assurance in brewing

Performance criteria

You must be able to:

1. monitor product quality to organisational requirements
2. identify and report factors which may adversely affect product quality
3. identify and report non-conformances to quality standards to the relevant person
4. take corrective action to reject or isolate products or items which do not conform to specification
5. manage products or items that do not conform through corrective action procedures
6. quarantine products or items that do not conform to prevent accidental use
7. take action to bring product back into quality specification to minimise any loss of product
8. seek advice for quality problems outside your own level of authority or expertise
9. offer support to or seek help for colleagues who encounter quality problems
10. receive and confirm instructions for the resolution of quality problems
11. communicate with others to check that resolutions to quality problems are followed and understood
12. record corrective actions taken to meet required standard
13. carry out quality checks and processes consistently to the required standard
14. carry out quality checks in accordance with the most current and up to date specifications
15. use the correct personal protective equipment
16. complete records in accordance with organisational requirements
17. follow legal and regulatory requirements, hygiene and environmental standards or instructions

Carry out flavour quality assurance in brewing

Knowledge and understanding

You need to know and understand:

1. the organisational health and safety, hygiene, environmental and quality standards and instructions
2. the personal protective equipment required
3. the work area tools and equipment needed
4. why it is important to check the cleanliness of work area, tools and equipment
5. what the industry standard descriptors are for flavour and why they are used
6. how to read and use the flavour wheel
7. what the three-glass test is and its use in statistical significance rating
8. what the relevance of flavour profiling is
9. what the relevance of 'trueness to type' panel tasting is
10. what the common faults/contamination are that may be detected by tasting during packaging operations
11. what the taste training procedures are
12. how to deal with waste materials in accordance with organisational requirements
13. the need for records to be completed within agreed timescales and to an agreed standard
14. what should be communicated, to whom and why it should be done
15. the limits of your authority and the consequences of exceeding them

Carry out flavour quality assurance in brewing

Developed by	NSAFD
Version Number	2
Date Approved	January 2019
Indicative Review Date	January 2024
Validity	Current
Status	Original
Originating Organisation	Improve
Original URN	IMPQI103 (skill), IMPBW212K
Relevant Occupations	Food Preparation Trades; Manufacturing technologies; Process Operatives; Process, Plant and Machine Operatives; Plant and Machine Operatives
Suite	Brewing
Keywords	Food; drink; manufacturing; brewing; beer; contamination; profiling
