



**Australian Government**

# **Assessment Requirements for FBPGPS2001**

## **Operate a bleaching process**

**Release: 1**

# Assessment Requirements for FBPGPS2001 Operate a bleaching process

## Modification History

| Release   | Comments                                                                                       |
|-----------|------------------------------------------------------------------------------------------------|
| Release 1 | This version released with FBP Food, Beverage and Pharmaceutical Training Package version 1.0. |

## Performance Evidence

An individual demonstrating competency must satisfy all the elements and performance criteria in this unit.

There must be evidence that, on at least one occasion, the individual has:

- conducted pre-start checks on machinery used for bleaching oil products
- started, operated, monitored and adjusted process equipment used for bleaching oil products to achieve required quality outcomes
- taken corrective action in response to typical faults and inconsistencies
- completed workplace records in required format
- applied safe work practices and identified work health and safety hazards and controls
- safely shut down equipment
- applied food safety procedures to work practices.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and basic principles of the bleaching process
- basic operating principles of equipment, including:
  - main equipment components
  - status and purpose of guards
  - equipment operating capacities and applications
  - the purpose and location of sensors and related feedback instrumentation
- services required for a bleaching process and action to take if services are not available
- the flow of the bleaching process and the effect of outputs on downstream processes
- quality characteristics to be achieved by the bleaching process
- quality requirements of materials and effect of variation in oil quality on bleaching process performance

- operating requirements and parameters and corrective action required where operation is outside specified operating parameters
- typical equipment faults and related causes, including:
  - signs and symptoms of faulty equipment
  - early warning signs of potential problems
- methods used to monitor the bleaching process, including inspecting, measuring and testing as required by the process
- inspection or test points (control points) in the bleaching process and the related procedures and recording requirements
- contamination/food safety risks associated with the bleaching process and related control measures
- common causes of variation and corrective action required
- work health and safety hazards and controls, including the limitations of protective clothing and equipment relevant to the work process
- requirements of different shutdowns as appropriate to the bleaching process and workplace production requirements, including:
  - emergency and routine shutdowns
  - procedures to follow in the event of a power outage
- isolation, lock out and tag out procedures and responsibilities
- procedures and responsibility for reporting production and performance information
- environmental issues and controls relevant to the bleaching process, including waste/rework collection and handling procedures related to the process
- basic operating principles of process control, where relevant, including the relationship between control panels and systems and the physical equipment
- routine maintenance procedures for bleaching equipment
- cleaning and sanitation procedures for bleaching equipment.

## Assessment Conditions

Assessment of this unit of competency must take place under the following conditions:

- physical conditions:
  - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - bleaching process and related equipment and services
  - oil, catalyst and filter aid as required by the bleaching process used
  - personal protective clothing and equipment
  - sampling schedules and test procedures and equipment
  - cleaning procedures, materials and equipment
- specifications:
  - work procedures, including advice on safe work practices, food safety, quality and environmental requirements
  - information on equipment capacity and operating parameters

- production schedule/batch instructions
- specifications, control points and processing parameters
- documentation and recording requirements and procedures
- relationships:
  - interactions with team members and supervisors.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>