



**Australian Government**

**Assessment Requirements for AHCHYD301  
Implement a maintenance program for  
hydroponic systems**

**Release: 1**

# Assessment Requirements for AHCHYD301 Implement a maintenance program for hydroponic systems

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- monitor and assess plant health
- administer nutrients to a hydroponic system as instructed
- assist in performing nutrient measurement tests
- read nutrient analysis information
- undertake hydroponic system maintenance and repairs
- monitor hydroponic maintenance programs

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices for implementing a hydroponic maintenance program
- characteristics of healthy and unhealthy plants
- environmental implications of the disposal of chemicals or chemical containers and the drainage of high nutrient effluent
- equipment used in hydroponic systems
- plant growing media choices and their properties
- potential problems associated with a range of crops grown in a hydroponic environment
- properties of a nutrient solution
- recirculated and non-recirculated systems
- testing methods for a hydroponic nutrient solution
- testing methods for the gauging of environmental parameters

## Assessment Conditions

Assessors must satisfy current standards for RTOs.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>