



## CRITERIA FOR GOLD LEVEL



Meet skills, competencies and management processes under bronze and silver levels in addition to the compulsory requirement and eight (8) of the ten (10) points listed below.

### Compulsory

**Training of at least one person such as the Irrigation Technician, Superintendent, or Assistant Superintendent, to be obtained to the following level of Australian Qualification Framework competence**

- AHCWRK502A Manage and collect data
- AHCIRG402A Determine hydraulic parameters for an irrigation system
- AHCWRK509A Provide specialist advice to clients

**Optional (select 8 out of 10, tick the box against each option selected).**

**Training: One of the best water conservation techniques is to have highly trained staff that can operate the irrigation system effectively**

1. Advanced irrigation training on hydraulics (1 day course).

**Irrigation management tuned to meet plant minimum water requirements**

2. On site weather station, and/or a rain sensor or other sensors or monitoring equipment used. E.g. soil moisture to allow real time scheduling.
3. Weekly irrigation schedule managed to maintain plant quality required with the minimum required amount of water.
4. Using alternative water sources for at least 10% of the total irrigation water requirements.

**Irrigation system hardware tuned to deliver water according to plant water needs and soil conditions**

5. Irrigation system to be set up with hydrozones to enable separate programming of tees, greens, fairways and roughs.
6. Separate drip/micro-irrigation zones that consider differing plant water requirements and root depths (eg. Club house areas).
7. Promote Waterwise activities of the club, on the Golf Club website.

**Planning**

8. Develop contingency plans to reduce irrigated areas (by priority) during times of extreme weather conditions.
9. Develop fertiliser application based on soil and/or tissue samples plan that doesn't promote excess growth.
10. Develop long range landscape plans that utilise low water use turf and plant species.