

## **Latest updates from the NSW Educational Facilities Standards & Guidelines**

**High Level Summary – for full details refer to their website - <https://efsg.det.nsw.edu.au/welcome>**

**Date: 11/03/2021**

### **\*DG53 Water\***

53.02 WELS Rating For Fixtures Change urinals WELS rating from '4 Stars' to '5 Stars'

53.14 Water Tanks Rainwater collection It is DoE policy to include Roof water harvesting and tank storage must be included in new schools and to encourage it where practical in existing schools, to reduce the demand on drinking water supplies. The rainwater tank must be connected to irrigation systems for adjacent landscape/gardens with the major preference being for gravity fed supply to minimise ongoing maintenance. The rainwater tanks must be connected to toilets for toilet flushing. If this is not feasible, approval must be granted by SINSW.

53.01 General A rainwater tank must be provided to enable rainwater harvesting from roofs. The tank must be connected to irrigation systems and where practical, to toilets for toilet flushing. Where feasible, the rainwater tank must be connected to toilets for toilet flushing. DG53 Water Content aligns with the standard NATSPEC sections No additional SINSW requirements in addition to standard NATSPEC Selections to be completed by the design team (no reference products). Click here [5] to view.

SG811 Sanitary Fixtures SG811 Sanitary Fixtures Changes to the existing SG811 content have been made including :- align Sustainability WELS rating requirement for urinal Flushers to 5 star - all product reference selections are coordinated to achieve the required Sustainability WELS minimum ratings

### **DG02 Ecologically Sustainable Development**

2.03 Energy Conservation Green Star also requires the building energy use to be 10% less than that of a reference building, modelled to Section J requirements of the National Construction Code 2019. Projects above 1000m<sup>2</sup> and project costs over \$10 million to be designed to the following standard:

5 Stars Green Star for projects located in metropolitan Sydney, Wollongong, and Newcastle, o 4 Stars Green Star for projects located in other areas of NSW.

GREP does not require school facilities to be certified under the Green Star system, however, it prescribes new government facilities to be designed using Green Star as benchmark for best practice. SINSW reports annually against the GREP.

All SSD projects since early 2019 have had a Green Star condition. It should be expected that all future SSD projects will also have this condition and are budgeted and designed accordingly. All SSD projects in planning must certify to Green Star with the Green Building Council of Australia.

### **SG812 Tapware SG812**

Tapware Changes to the existing SG812 content have been made including :

- align Sustainability WELS rating requirements (note no WELS rating exists for Bubblers - removed)
- all product reference selections are coordinated to achieve the required Sustainability WELS minimum ratings
- updated Australian Standards references where applicable. Click here [44] to view.

### **SG814 Hydraulic Pumps SG814**

Hydraulic Pumps - New SG added

- Content aligns with the standard NATSPEC section 814 Hydraulic Pumps
- Selection Templates only are provided to be completed by the design team (no reference

### **SG815 Drinking Water Dispensers**

Drinking Water Dispensers NEW SG added

- Content aligns with the standard NATSPEC section 815 Drinking Water Dispensers
- Selections include : Water Bottle Fillers, Wash Drinking Troughs and Chilled Water Drinking System currently in SG811. Click here [50] to view.

### **SG816 Tanks SG816**

-Content aligns with the standard NATSPEC section 816 Tanks

- Selection Templates only are provided to be completed by the design team (no reference products).

### **SG822 Hydraulic Electrical**

- Content aligns with the standard NATSPEC section 882 Hydraulic Electrical

- Selection Templates only are provided to be completed by the design team (no reference products).