




Design Standards & Product Specification for EFSG Facilities

Part 1: Tapware
New South Wales

SG812 Tapware

GUIDE NOTE: Refer to Design guide sections DG / HYDRAULICS GENERALLY

| ID | TITLE | COMPLIANCE LEVEL |
|----|---------|---|
| 1 | GENERAL |  MANDATORY |


As per current [NATSPEC](#) except as follows

1.1 Aims

Responsibilities

Water Efficiency Labelling and Standards (WELS) Scheme – Mandatory: It is mandatory for all Tapware to meet the national “Water Efficiency Labelling and Standards Scheme” (WELS). Products must be rated to AS /NZS 6400 to the following Star Ratings, to align with NSW Government Resource Efficiency Policy.

- Star flow rating requirements - Based on Table 3.1 AS 6400
 - Basins - 5 Star more than 4.5 but not more than 6.0 litres per minute
 - Sink - 5 Star more than 4.5 but not more than 6.0 litres per minute
 - Shower - 4 Star more than 6.0 but not more than 7.5 litres per minute

| | | |
|---|----------|---|
| 2 | PRODUCTS |  MANDATORY |
|---|----------|---|

As per current [NATSPEC](#) except as follows

2.1 Products

Thermostatic mixing Valves

GUIDE NOTE: Delete subclauses "General" and "Control" nominated in NATSPEC building template/work section and include the following:

GUIDE NOTE: Insert project specific locations. Refer to Educational Facilities Standards and Guidelines and Supplements.

Location/s

>

Type

Valve mixing hot and Cold Water, regulating Water temperature with single hand control, capable of delivering Water at the temperature of either of the supply system and at any temperature in between, and suitable for controlling single or multiple outlets as required by the installation. Incorporate the following:

- Thermostatic element.
- A temperature sensitive automatic control that maintains temperature at the pre selected setting and rapidly shuts down the flow if either system fails, or if the normal discharge of Water temperature of Water is exceeded.
- A Water temperature control device that can Only be altered by a trained authorised person.
- Hot Water flush facility

Standards/compliance

Provided, installed and set in line with the requirements of the current [AS](#)

Manual

The manufacturer of the thermostatic mixing Valve must provide a printed technical manual for installation, commissioning, and maintenance for thermostatic mixing Valves. The manual must be applicable for installations in NSW.

Hand one copy of the above manual to the Principal's Authorised Person / Principal's Representative.

Installation

Thermostatic mixing Valves complete with stainless steel enclosure/box are to be recessed into the wall in a location that is inaccessible to pupils.

All in accordance with the manufacturers printed technical manual for installation, commissioning, and maintenance for thermostatic mixing Valves.

A licensed plumber [who has undertaken T.A.F.E. training in thermostatic mixing Valves must install thermostatic mixing.](#)

To effectively control microbial hazards during installation work to be in accordance with AS 3666 Water quality conditions must be checked to be sure that they do not exceed the limits listed in AS 3500.4

Enclosure

GUIDE NOTE: Manufacturers/suppliers of Thermostatic mixing Valves can generally supply lockable compatible stainless steel enclosures/boxes with the mixing Valves.

Provide a proprietary lockable stainless steel enclosure/box compete with each mixing Valve or below joinery.

- Type: Recessed lockable stainless enclosure/box complete with stainless steel brackets and fasteners.
- Equal to Enware Aquablend 1500 thermostatic mixing Valve complete with integrated thermal flush within 350mm square stainless steel recessed box (ATMS700-350) and key lockable stainless steel hinged cover (ATMSHL-350)

Commissioning the Valve

When the installation is complete the Valve must be tested and commissioned in accordance with the instructions in the printed technical manual for installation, commissioning, and maintenance for thermostatic mixing Valves.

GUIDE NOTE: Refer to EFSG DESIGN GUIDE and SPECIFICATION GUIDE for more information on hydraulics.

| | | | |
|---|-----------|---|-----------|
| | | | |
| 3 | EXECUTION |  | MANDATORY |

As per current [NATSPEC](#)

| | | | |
|---|------------|---|-----------|
| | | | |
| 4 | SELECTIONS |  | MANDATORY |

As per current [NATSPEC](#) except as follows

GUIDE NOTE: Delete subclause "Tapware" nominated in NATSPEC building template / work section and replace with the following text

GUIDE NOTE: Remove fixtures not required. Insert project specific locations. Refer to Educational Facilities Standards and Guidelines.

Include appropriate information (shown below) in the project specification "Isolating Valves Schedule" and Accessories Schedule.

Refer to NATSPEC Building Template/ Work section.

4.0 Tapware - Fittings and Accessories

Inclusions

Accessories such as taps, Valves and outlets shall include but not be limited to those Scheduled below for specific locations or fixtures.

FIXTURE SCHEDULE

Student Basin Tapware Schedule PS | Boys + Girls Hall toilets, PS Bulk Store, HS Materials Workshop


| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | <u>173.15.21.00</u> Ezy-Push® CP-BS Lead Safe™ Timeflow Push Button Pillar Tap - 6 Sec  |
| Finish | Bright Chrome Plate |
| Outlet type | 1 Tap Hole Cold Water Only |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 6 Star |
| Compliance | |

Student Basin Tapware Schedule | HS

| Property | Approved Product |
|---------------------------|--|
| Catalogue number or model | <u>173.15.21.00</u> Ezy-Push® CP-BS Lead Safe™ Timeflow Push Button Pillar Tap - 6 Sec  |
| Finish | Bright Chrome Plate |
| Outlet type | 1 Tap Hole Cold Water Only |


| | |
|---|-----------------------------|
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 6 Star |
| Compliance | |

Staff Basin Tapware Schedule | PS + HS


| Property | Approved Product |
|---|--|
| Catalogue number or model | TM-BASCP CliniLever® CP-BS Hospital Single Lever Basin Mixer  |
| Finish | Bright Chrome Plate |
| Outlet type | 1 Tap Hole Warm + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | |

Access Basin Tapware Schedule | PS + HS Access Basins, PS Domestic Kitchen, Canteen


| Property | Approved Product |
|----------------------------------|---|
| Catalogue number or model | TM-BASCPD CliniLever® CP-BS Hospital Single Lever Basin Mixer with 165 Disabled Lever |

| | |
|---|---|
| |  |
| Finish | Bright Chrome Plate |
| Outlet type | 3 Tap Hole |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 4 Star (currently 4 – future 5) |
| Compliance | AS 1428.1 |


Student Basin Tapware Schedule PS | [SSP](#)

| Property | Approved Product |
|---|---|
| Catalogue number or model | TM-BASCPD CliniLever® CP-BS Hospital Single Lever Basin Mixer with 165 Disabled Lever  |
| Finish | Bright Chrome Plate |
| Outlet type | 3 Tap Hole |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 4 Star (currently 4 – future 5) |
| Compliance | AS 1428.1 |

Small Basin Tapware Schedule PS | PS + HS Staff, Community Clinic



| Property | Approved Product |
|--|---|
| Catalogue number or model | <p>TM-BASCP CliniLever® CP-BS Hospital Single Lever Basin Mixer</p>  |
| Finish | Bright Chrome Plate |
| Outlet type | 1 Tap Hole Warm + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | |

Basin Hands Free Tapware Schedule PS + HS | Student, Staff, Access, Lab, Food Tech

| Property | Approved Product | Approved Product |
|---------------------------|---|--|
| Catalogue number or model | <p>TZ-FLOWTAPC225 Flowmatic® Concealed Sensor Assembly with SS Face Plate & CliniLever® Fixed Wall Outlet 225</p>  | <p>TZ-FLOWHOBSP Flowmatic® Hob Basin Tap Mains Power Single Temperature</p>  |
| Finish | Brushed Stainless Steel Sensor Plate and Chrome Outlet | Bright Chrome Plate |
| Outlet type | 1 Tap Hole | 1 Tap Hole |


| | | |
|---|--------|-----------------------------|
| Vandal resistant construction | | Yes Robust, Tamper Proof |
| Isolation Valve | | |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star | 6 Star |
| Compliance | | |

Wash Trough Tapware Schedule PS + HS | Cold Water Only


| Property | Approved Product | Approved Product |
|---|--|--|
| Catalogue number or model | 35477 Ezy-Push® Chrome Plated Brass Push Button Pillar Tap – Cold  | 35410 Ezy-Push Chrome Plated Brass Push Button Deluxe Bib Tap – Cold  |
| Finish | Chrome | Chrome |
| Outlet type | | 3 Tap Hole Warm + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof | Yes Robust, Tamper Proof |
| Isolation Valve | | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 6 Star | 6 Star |
| Compliance | | |

Bucket Sink Tapware Schedule | PS + HS Cleaner Store, Wood + Metal Workshops, Botany

| Property | Approved Product |
|----------------------------------|---|
| Catalogue number or model | 49906 Vandal Resistant CP-BS J/V Deluxe Bib Tap (NSW) Cold with 8LMP Aerator |

| | |
|---|---|
| |  |
| Finish | Bright Chrome Plate |
| Outlet | |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 3 Star |
| Compliance | |

Sink Tapware Schedule | PS + HS Canteen


| Property | Approved Product |
|---|---|
| Catalogue number or model | TM-SNKCPD CliniLever® CP-BS Hospital Single Lever Sink Mixer 250 Reach w/ 165 Disabled Lever  |
| Finish | Bright Chrome Plate |
| Outlet | 1 Tap Hole Hot + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

Sink Tapware Schedule | PS + HS Canteen

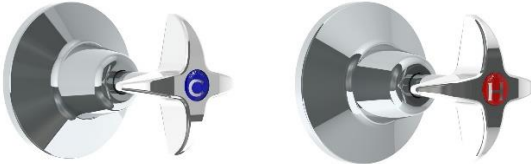

| Property | Approved Product |
|--|--|
| Catalogue number or model | <p>TM-SNKCPD CliniLever® CP-BS Hospital Single Lever Sink Mixer 250 Reach w/ 165 Disabled Lever</p>  |
| Finish | Bright Chrome Plate |
| Outlet | 1 Tap Hole Hot + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | AS/NZS 3718 |

Access Shower Tapware Schedule | PS + HS Hand shower + Rail Schedule

| Property | Approved Product |
|------------------------------|--|
| Catalogue number or model | <p>TM-SHWCPD CliniLever® CP-BS Hospital Single Lever Shower Mixer with 165 Disabled Lever</p>  |
| Hand Shower + Rail accessory | <p>41999 GalvinAssist® Hand Shower Kit with 900x32 Stainless Steel Hygienic Grab Rail</p> |



| | |
|---|---|
| |  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Warm Water Supply Remote TMV Temperature Control |
| WELS rating to AS/NZS 6400 (Stars) | 3 Star |
| Compliance | AS 1428.1 |

Staff Shower Tapware + Shower Rose Schedule PS + HS


| Property | Approved Product |
|----------------------------------|---|
| Catalogue number or model | <p><u>174.01.02.01</u> Vandal Resistant CP Lead Safe™ J/V Wall Top Assembly Cold</p> <p><u>174.01.02.02</u> Vandal Resistant CP Lead Safe™ J/V Wall Top Assembly Hot</p>  |
| Shower Rose accessory | <p><u>42008</u> CliniLever® CP-BS Hospital Fixed Shower Arm and Rose</p>  |
| Finish | Bright Chrome Plate |

| | |
|---|---|
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Warm Water Supply Remote TMV Temperature Control |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 3 Star |
| Compliance | AS/NZS 3718 |


Student Shower Tapware + Shower Rose Schedule PS + HS (Excludes Access Showers)

| Property | Approved Product |
|---|---|
| Catalogue number or model | 174.61.02.03 GalvinCare® CP-BS Lead Safe™ Vandal Resistant Shower Set J/V  |
| Shower Rose accessory | 121.33.64.00 GalvinCare® CP-BS Lead Safe™ Mental Health Anti-Ligature Wall MTD Shower Rose 65 - STD  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Warm Water Supply Remote TMV Temperature Control |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 4 Star |
| Compliance | AS/NZS 3662 |


Urinal + Water Closet Assembly Tapware Schedule | PS + HS

| Property | Approved Product |
|------------------------------------|---|
| Catalogue number or model | 49953 Vandal Resistant Chrome Plated Brass J/V Cistern Tap Cold  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| WELS rating to AS/NZS 6400 (Stars) | N/A |
| Compliance | AS/NZS 3718 |


Single Laundry Trough - GLS with Art Trough Tapware Schedule HS

| Property | Approved Product |
|------------------------------------|---|
| Catalogue number or model | 49939 Vandal Resistant Chrome Plated Brass J/V Pillar Tap (NSW) Cold with V/R 8LPM Aerator  |
| Finish | Bright Chrome Plate |
| Outlet | 1 Tap Hole Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

Double Laundry Trough - Visual Arts + Materials Workshop Tapware Schedule HS


| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | 49906 (x2) Vandal Resistant CP-BS J/V Deluxe Bib Tap (NSW) Cold with 8LMP Aerator  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

Visual Arts + Materials Workshop Tapware Schedule HS


| Property | Approved Product |
|---------------------------|---|
| Catalogue number or model | 167.16.32.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #8 Aerator TL16.DFJ8CL GalvinLab® CP-BS Lab Set 1-Way Type 16 DPW Fixed J/V #8 V/R Aerator 6LPM LH  |
| Finish | Bright Chrome Plate |
| Outlet | 1 Tap Hole Cold Water |

| | |
|--|-----------------------------|
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water |
| <u>WELS</u> rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |


Sink - Semi-Commercial Kitchen Stainless Steel Bench Tapware Schedule HS

| Property | Approved Product |
|--|---|
| Catalogue number or model | <p>TC50SJ1C CliniLever® CP-BS Hospital Hob Mixing Set Type 50 Swivel 150 J/V</p> <p>TF84HJP Ezy-Wash Chrome Plated Brass Hob Mtd Twin Mixer Pre-Rinse Unit Type 84 Flex Tail - Pot Filler</p>  |
| Finish | Chrome |
| Outlet | |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | |
| <u>WELS</u> rating to AS/NZS 6400 (Stars) | 6 Star |
| Compliance | AS/NZS 3718 |


Single Laundry Trough - Laundry Tapware Schedule HS

| Property | Approved Product |
|--|---|
| Catalogue number or model | 49946 Vandal Resistant CP-BS Jumper Valve Wall Sink Set (NSW) with 180H Swivel Gooseneck & Vandal Resistant Aerator  |
| Spout | 49946 180H Swivel Gooseneck & Vandal Resistant Aerator |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold 15mm |
| <u>WELS</u> rating to <u>AS/NZS 6400</u> (Stars) | 5 Star |
| Compliance | |



Dishwasher | PS + HS Kitchen Staff, Kitchen Prep, Science Prep, Kitchen Domestic + Semi commercial

| Property | Approved Product |
|--|---|
| Catalogue number or model | 49953 Vandal Resistant Chrome Plated Brass J/V Cistern Tap Cold  |
| Finish | Bright Chrome Plate |
| Outlet | 1 Tap Hole Hot + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold Water As per appliance requirement |
| <u>WELS</u> rating to <u>AS/NZS 6400</u> (Stars) | N/A |
| Compliance | AS/NZS 3718 |


Boiling Water Unit - Staff + Canteen PS + HS

| Property | Approved Product |
|--|---|
| Catalogue number or model | 49953 Vandal Resistant Chrome Plated Brass J/V Cistern Tap Cold  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Valve | Cold 15mm right angled stop Valve and union |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | N/A |
| Compliance | AS/NZS 3718 |


Washing Machine - Laundry Tapware Schedule PS + HS

| Property | Approved Product |
|--|---|
| Catalogue number or model | 49920 Vandal Resistant Chrome Plated Brass J/V Washing Machine Tap - Cold 49924 Vandal Resistant Chrome Plated Brass J/V Washing Machine Tap – Hot   |
| Finish | Bright Chrome Plate |
| Outlet | 1 Tap Hole Hot + Cold Water |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | N/A |
| Compliance | AS/NZS 3718 |

Hand Held Eye Wash | HS Covered Outdoor Work Area at Wood / Metal Workshops


| Property | Approved Product |
|--|--|
| Catalogue number or model | <u>190.42.11.12</u> GalvinSafe® Eye/Face Wash, Wall Mtd, Hand Activated, AXION® MSR Head & SS Bowl (HAWS)  |
| Finish | |
| Vandal resistant construction | |
| Valve | |
| Connection | |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | N/A |
| Mounting | Wall Mounted on Bracket |
| Compliance | |

Safety Shower - Science Laboratory Tapware Schedule HS

| Property | Approved Product |
|---------------------------|--|
| Catalogue number or model | <u>190.80.10.90</u> GalvinSafe® Free Standing CombiShower, AXION® MSR ABS Eye/Face Wash, Hand & Foot Act (HAWS)  |
| Finish | Bright Chrome Plate |
| Outlet | |


| | |
|---|---|
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Valve | Self-Closing |
| Connection | Drinking water 25mm Waste outlet 38mm Min 210kPa pressure Min 93 l/min flow rate |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | N/A |
| Compliance | |

Fume Cupboard | HS Science Laboratory Tapware Schedule


| Property | Approved Product |
|---|--|
| Catalogue number or model | TL10S-16C GalvinLab® Chrome Plated Brass Lab Bench Mounted Outlet Type 10 Swivel #16XT Tube Nozzle  |
| Finish | Bright Chrome Plate |
| Outlet | |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Connection | Non-drinking water 15mm |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | AS2845.1 |

Gas Turret Science | HS Science Laboratory

| Property | Approved Product |
|----------------------------------|---|
| Catalogue number or model | TG40.DRAC GalvinLab® CP-BS Lab 2-Way Right Angle Gas Turret Type 40 DPW - 90° with Non-Return Valve |

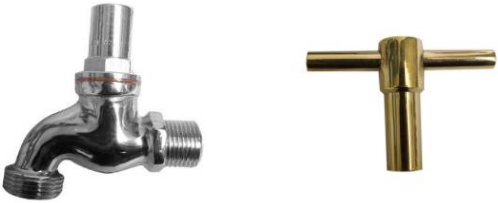
| | |
|--------------------------------------|--|
| |  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Description | Anti vandal double gas turret, with right angle bend in plug cock and non return Valve in tail. Yellow gas indicator recessed into top of turret. Two tapered anti rotation lugs in base, with plug cocks and tail to be silver soldered. Plug cock to accept 10mm tube. Turrets to have individual batch numbers in accordance with AGA compliance. |

Internal Hose Cock Tapware Schedule | PS + HS


| Property | Approved Product |
|---|---|
| Catalogue number or model | 13284 CP-BS Key Control Hose Tap 12 (15BSP) Less Key  |
| Finish | Bright Chrome Plate |
| Size | 20mm Hose Thread |
| Mounting Height | Tap 450mm above finished surface or as directed |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | N/A |
| WELS rating to AS/NZS 6400 (Stars) | N/A |
| Compliance | |

External Hose Cock Tapware Schedule | PS + HS

| Property | Approved Product |
|----------------------------------|--|
| Catalogue number or model | 13284 CP-BS Key Control Hose Tap 12 (15BSP) Less Key |


| | |
|--|---|
| | <p>12575 BS Key for Key Control Tap 'Polished'</p>  |
| Finish | Brass |
| Size | 20mm Hose Thread |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | N/A |
| <u>WELS</u> rating to AS/NZS 6400 (Stars) | |
| Compliance | |
| Installation | Each unit to consist of 20mm copper riser with a back Plated elbow to be fixed to the wall with 3 x 20mm brass screws, screwed into 20mm x 6mm expanding plastic plug. Where not against any wall, the back Plated elbow to be fixed with gal steel screw bolts and nuts to a 50 x 25 gal ms fixing stake. The hose cock standpipe to have a 300mm square and 100mm thick concrete base surround. |

Chilled Drinking Water Unit | PS + HS Staff Room, drinking trough


| Property | Approved Product |
|--|---|
| Catalogue number or model | <p>49953 Vandal Resistant Chrome Plated Brass J/V Cistern Tap Cold</p>  |
| Finish | Bright Chrome Plate |
| Connection | |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | N/A |
| <u>WELS</u> rating to AS/NZS 6400 (Stars) | N/A |
| Compliance | AS/NZS 3718 |

GUIDE NOTE: Only to be provided west of 33 degree isotherm.


Bottle Filler in Drinking Trough + Wash Trough Without Lockable Cover | PS + HS | New + Retrofit | Hob Mount Option

| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | <p>368696X Ezy-Push® 316 Stainless Steel Lead Safe™ Timeflow Push Button Pillar Tap 6 Sec – MI</p>  |
| Finish | Stainless steel |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | |
| WELS rating to AS/NZS 6400 (Stars) | 6 Stars |
| Compliance | AS/NZS 3718 |


Bottle Filler in Drinking / Wash Trough with Lockable Cover Only | PS + HS | New + Retrofit | Hob Mount Option

| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | <p>368696X Ezy-Push® 316 Stainless Steel Lead Safe™ Timeflow Push Button Pillar Tap 6 Sec – MI</p>  |
| Finish | Stainless steel |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | |
| WELS rating to AS/NZS 6400 (Stars) | 6 Stars |
| Compliance | AS/NZS 3718 |


Bottle Filler over Drinking / Wash Trough | PS + HS | Retrofit Wall Mount Option

| Property | Approved Product |
|------------------------------------|---|
| Catalogue number or model | <p>368667X Ezy-Push® 316 SS Lead Safe™ Timeflow Push Button Deluxe Bib Tap 6 Sec – MI</p>  |
| Finish | Stainless Steel |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | |
| WELS rating to AS/NZS 6400 (Stars) | 6 Stars |
| Compliance | AS/NZS 3718 |


Bottle Filler in Drinking Trough + Wash Trough with or Without Lockable Cover | PS + HS | New + Retrofit Wallsend Trough

| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | <p>368696X Ezy-Push® 316 Stainless Steel Lead Safe™ Timeflow Push Button Pillar Tap 6 Sec – MI</p>  |
| Finish | Stainless steel |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | |
| WELS rating to AS/NZS 6400 (Stars) | 6 Stars |
| Compliance | AS/NZS 3718 |

Drinking Fountain | PS + HS


| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | <p>170.52.14.00 Ezy-Drink® CP-BS Lead Safe™ 45° Lever Action Drinking Bubbler Tap - FI with Metal Mouthguard</p> <p>170.52.15.01 Ezy-Drink® CP-BS Lead Safe™ 45° Cam Action Drinking Bubbler - FI with Metal Mouthguard</p>  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Valve | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 6 Star |
| Compliance | AS/NZS 3718 |

Gravity Pressure Tank | Animal Space HS

| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | <p>49953 Vandal Resistant Chrome Plated Brass J/V Cistern Tap Cold</p>  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold 20mm |
| WELS rating to AS/NZS 6400 (Stars) | N/A |
| Compliance | AS/NZS 3718 |

GUIDE NOTE: Requires special consideration of services, refer manufacturer's recommendations

Refer to: SG / [METALWORK](#) SG / [JOINERY](#)SG / [SANITARY FIXTURES](#)

| ID | TITLE | COMPLIANCE LEVEL |
|-----|------------|---|
| 4.1 | SELECTIONS |  MANDATORY |

As per current [NATSPEC](#) except as follows

4.1 Items with integrated Sanitary Fixtures Installed by Contractor – Refer SG / Miscellaneous Furniture Section

Tapware Schedule for items supplied by education installed by Contractor - refer to SG / [MISCELLANEOUS FURNITURE](#)


GUIDE NOTE: Remove fixtures not required. Insert job specific locations, see furniture Schedules. Refer to Educational Facilities Standards and Guidelines and Miscellaneous Furniture.

*GUIDE NOTE: Refer to NATSPEC Building Template/ Worksection subclause "Water Services - **General Requirements**".*

Ensure the above clause is included in the "Water Services" Section of the project specification (Tender document).


Requirement: Supply, install, test and commission all water service fittings listed in this Subclause all in accordance with the requirements for this Section (TAPWARE).

B-05 Bench Cupboard | PS + HS Staff Areas

| Property | Approved Product |
|----------------------------------|---|
| Location | Staff Room adjoining Staff Annex Office Workroom Library Administration |
| Description | 1200 Bench with SS sink with 3 tap holes |
| Catalogue number or model | 49942 Vandal Resistant Chrome Plated Brass J/V Hob Sink Set (NSW) w/ 200 Gooseneck Spout & V/R 6lmp Aerator  |
| Spout | Aerated spout SP010 with 120 degree restricted swivel |
| Finish | Bright Chrome Plate |

| | |
|---|-----------------------------|
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold Water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | AS/NZS 3718 |

B-05 Bench Cupboard | PS + HS GLS with Sink

| Property | Approved Product |
|---|--|
| Location | GLS with Sink |
| Description | 1200 Bench with SS sink with 1 tap hole |
| Catalogue number or model | 49939 Vandal Resistant Chrome Plated Brass J/V Pillar Tap (NSW) Cold with V/R 8LPM Aerator  |
| Finish | Bright Chrome plate |
| Vandal resistant construction | Yes Robust and tamper proof |
| Isolation Valve | Cold water |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | AS/NZS 3718 |

B-06 Bench Cupboard | HS Science

| Property | Approved Product |
|----------------------------------|--|
| Location | Science Learning Space |
| Description | 1200 Bench with SS sink with 1 tap hole |
| Catalogue number or model | 167.16.31.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle |

| | |
|---|---|
| |  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold water isolation Valve on master control |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

GUIDE NOTE: Include B-080S BENCH CUPBOARD WITH stainless steel sink in P.S. – Special Education Unit – Practical Activities Area only if required


B-06 Bench Cupboard | HS Science

| Property | Approved Product |
|---|--|
| Location | Practical Activity Areas |
| Description | B21 Bench Cupboard with Technology top, bench, SK-50 Craft Trough (Cold Water only) |
| Catalogue number or model | <p>167.16.31.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle</p> <p>TL16.DFJ16CL GalvinLab® CP-BS Lab Set 1 Way Type 16 Fixed J/V Tube Nozzle - LH</p>  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust and Tamper Proof |
| Isolation Valve | Cold Water |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

B-21 Bench Cupboard | HS GLS with Science Demonstration Bench. Science Preparation


| Property | Approved Product |
|------------------------------------|---|
| Location | GLS with Science Demonstration Bench. Science Preparation |
| Description | B21 Bench Cupboard with Science Demonstration Bench. Science Preparation |
| Catalogue number or model | TL08.DFJ8-16C (Coming Soon) CP Lab Set 2-Way Type 8 DPW Fixed J/V #8 V/R Aerator, #16 XT Tube Nozzle 5LPM |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | |

B-21 Bench Cupboard | HS Kitchen Domestic + Semi Commercial, Science Preparation, HS + PS Staff Lounge


| Property | Approved Product |
|------------------------------------|---|
| Catalogue number or model | 49942 Vandal Resistant Chrome Plated Brass J/V Hob Sink Set (NSW) w/ 200 Gooseneck Spout & V/R 6lmp Aerator  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

B-21 Bench Cupboard | PAA IO/IS/IP, BD/CD/ED, SHARED PAA IO/IS/IP

| Property | Approved Product |
|----------|------------------|
|----------|------------------|


| | |
|---|---|
| Catalogue number or model | TCSSJ150C CliniLever® CP-BS Hospital Sink Set Swivel 150 J/V  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold Water Key Operated Isolation Valve |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

B-21 Bench Cupboard | HS Kitchen Domestic + Semi Commercial, HS Preparation, HS Printing / Prep, HS Darkroom | 3 Tap Holes


| Property | Approved Product |
|---|--|
| Catalogue number or model | 49942 Vandal Resistant Chrome Plated Brass J/V Hob Sink Set (NSW) w/ 200 Gooseneck Spout & V/R 6lmp Aerator  |
| Finish | Bright Chrome plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

B-21 Bench Cupboard | HS GLS with Bench + Sink | 2 tap holes (Cold Water)


| Property | Approved Product |
|----------|------------------|
|----------|------------------|

| | |
|--|---|
| Catalogue number or model | 49939 (x2) Vandal Resistant Chrome Plated Brass J/V Pillar Tap (NSW) Cold with V/R 8LPM Aerator  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold |
| <u>WELS</u> rating to AS/NZS 6400 (Stars) | 5 Star |
| Fittings | The outlet clearances above the rim of the sink must comply with statutory regulations. If required include an adaptor within the fittings to raise the outlets to the required height. |
| Compliance | AS/NZS 3718 |


B-21 Bench Cupboard | HS Fitness laboratory | 1 Tap Hole (Cold Water)

| Property | Approved Product |
|--|--|
| Catalogue number or model | 49939 Vandal Resistant Chrome Plated Brass J/V Pillar Tap (NSW) Cold with V/R 8LPM Aerator  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold |
| <u>WELS</u> rating to AS/NZS 6400 (Stars) | 5 Star |
| Fittings | The outlet clearances above the rim of the sink must comply with statutory regulations. If required include an adaptor within the fittings to raise the outlets to the required height. |
| Compliance | AS/NZS 3718 |


B-21 Bench Cupboard | Clinic Boys + Girls, Sick Bay, Staff Room, Tea Room | 3 Tap Holes

| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | TCSSJ150C CliniLever® CP-BS Hospital Sink Set Swivel 150 J/V  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |


B-21 Bench Cupboard | Clinic Boys + Girls, Sick Bay, Staff Room, Tea Room | 1 Tap Hole

| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | TM-SNKCPD CliniLever® CP-BS Hospital Single Lever Sink Mixer 250 Reach w/ 165 Disabled Lever  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Warm + Cold Warm Water Supply, Remote Temperature Control |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |

Bench Cupboard with top | Special Programs Room


| Property | Approved Product |
|------------------------------------|---|
| Catalogue number or model | <p>49939 Vandal Resistant Chrome Plated Brass J/V Pillar Tap (NSW) Cold with V/R 8LPM Aerator</p>  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Fitting | The outlet clearances above the rim of the sink must comply with statutory regulations. If required include an adaptor within the fittings to raise the outlets to the required height. |
| Compliance | AS/NZS 3718 |

B-48 Bench Cupboard | HS Science GLS Demonstration | 3 Tap Holes


| Property | Approved Product |
|---------------------------|---|
| Catalogue number or model | <p>TL08.DFJ8-16C (Coming Soon) CP Lab Set 2-Way Type 8 DPW Fixed J/V #8 V/R Aerator, #16 XT Tube Nozzle 5LPM</p> <p>167.16.31.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle</p>  |
| Finish | Bright Chrome Plate |

| | |
|---|-----------------------------|
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Cold |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | AS/NZS 3718 |

B-70 Darkroom Sink (SK41) with Bench Support | HS Visual Arts Learning Unit Dark Room

| Property | Approved Product |
|---|--|
| Catalogue number or model | TCSSJ150C CliniLever® CP-BS Hospital Sink Set Swivel 150 J/V  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold |
| <u>WELS</u> rating to <u>AS/NZS 6400 (Stars)</u> | 5 Star |
| Compliance | AS/NZS 3718 |


B-0506 Bench Cupboard | PAA BD/CD/ED with Kitchen added | 3 Tap Holes

| Property | Approved Product |
|--|--|
| Catalogue number or model | TCSSJ150C CliniLever® CP-BS Hospital Sink Set Swivel 150 J/V  |
| Finish | Bright Chrome plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Hot + Cold |
| <u>WELS</u> rating to <u>AS/NZS 6400</u> (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |


Sp-48 Bench Cupboard | Height Adjustable (front wind) | HS Science Laboratory

| Property | Approved Product |
|--|--|
| Catalogue number or model | 167.16.31.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Isolating Valve on Master Control |
| <u>WELS</u> rating to <u>AS/NZS 6400</u> (Stars) | 5 Star |
| Connection | Flexible Supply Connection |
| Compliance | AS/NZS 3718 |

Sp-49 Bench | Height Adjustable (front wind) | HS Kitchen Domestic + Semi Commercial


| Property | Approved Product |
|------------------------------------|--|
| Catalogue number or model | TM-SNKCPD CliniLever® CP-BS Hospital Single Lever Sink Mixer 250 Reach w/ 165 Disabled Lever  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Isolating Valve on Master Control |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Connection | Flexible Supply Connection |
| Compliance | AS/NZS 3718 |

SK-40 Practical Activities Sink Trough | SHARED PAA

| Property | Approved Product |
|-------------------------------|---|
| Catalogue number or model | TL26.DFJ8C (x2) GalvinLab® CP-BS Lab Set Bib Tap Bench Mtd Type 26 DPW Fixed J/V #8 V/R Aerator - 5.5 LPM 167.16.31.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |

| | |
|---|--|
| Isolation Valve | Isolating Valve on Master Control |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |
| Rim Height from Floor | As shown on drawing GUIDE NOTE: Refer to SG DRAWING / SG430/ 1 in the EFSG Specification Guide. |

SK-40 Practical Activities Sink Trough | PAA BD/CD/ED, SHARED PAA IO/IS/SP

| Property | Approved Product |
|---|---|
| Catalogue number or model | <p>TL26.DFJ8C (x2) GalvinLab® CP-BS Lab Set Bib Tap Bench Mtd Type 26 DPW Fixed J/V #8 V/R Aerator - 5.5 LPM</p> <p>167.16.31.00 GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle</p>  |
| Finish | Bright Chrome Plate |
| Vandal resistant construction | Yes Robust, Tamper Proof |
| Isolation Valve | Isolating Valve on Master Control |
| WELS rating to AS/NZS 6400 (Stars) | 5 Star |
| Compliance | AS/NZS 3718 |
| Rim Height from Floor | As shown on drawing GUIDE NOTE: Refer to SG DRAWING / SG430/ 1 in the EFSG Specification Guide. |