

**SG812 Tapware**  
GUIDE NOTE: Refer to Design guide sections DG / HYDRAULICS GENERALLY

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| **ID** | **TITLE** |  |  |
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| 0.0 | DESIGN PRINCIPLES |  |  |
| **0.01 Main Considerations** | | | |
| It is a requirement to undertake the 00 PLANNING AND DESIGN/0001 R - DESIGN REFERENCE and GLOSSARY OF TERMS information into all aspects of design, detailing and delivery when developing the content here within. Clear demonstration of adherence to these requirements is part of the services and will be called upon at key points in the project and during at the discretion of the Department of Education (DoE). | | | |
| **0.02 Policies and Regulations** | | | |
| GUIDE NOTE: Refer to 00 PLANNING AND DESIGN/0001C DESIGN CHECKLIST­HYDRAULIC  In accordance with the NSW Government Resource Efficiency Policy, all fixtures and fittings must be at least the average WELS star rating by product type. Where WELS rating is not available, use the alternative WaterMark rating scheme.  All new water-using appliances must be at least 0.5 stars above the average Water Efficiency Labelling and Standards (WELS) star rating by product type, except toilets and urinals, which must be purchased at the average WELS star rating. | | | |
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| 1 | SPECIFICATION |  |  |
| **1.01 General** | | | |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) *except as follows:* | | | |
| Appliances and equipment purchased in the following categories with star ratings under  the WELS scheme will be at least:   * showerheads - 3 stars (>7.5 but <=9.0 I/min) * toilets - 4 stars * urinals - 5 stars * dishwashers - 5 stars * taps and flow controllers - 5 stars. | | | |
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| 2 | PRODUCTS |  |  |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#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**  Provided, installed and set in line with the requirements of the current [AS](https://efsg.det.nsw.edu.au/user/login?destination=glossary#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**  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.* | | | |
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| 3 | EXECUTION |  |  |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) | | | |
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|  |  |  |  |
| 4 | SELECTIONS |  |  |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) *except as follows* | | | |
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| *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** |
| **Product** | [**173.15.21.00**](https://www.galvinengineering.com.au/ezy-push-cp-bs-lead-safe-timeflow-push-button-pill~26541)  Ezy-Push® CP-BS Lead Safe™ Timeflow Push Button Pillar Tap - 6 Sec  A close-up of a microscope  Description automatically generated with low confidence |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

# Student Basin Tapware Schedule | HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**173.15.21.00**](https://www.galvinengineering.com.au/ezy-push-cp-bs-lead-safe-timeflow-push-button-pill~26541)  Ezy-Push® CP-BS Lead Safe™ Timeflow Push Button Pillar Tap - 6 Sec  A close-up of a microscope  Description automatically generated with low confidence |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

# Staff Basin Tapware Schedule | PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.42.10.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-basin-mixer-with-short-p~40685)  GalvinAssist® CP Lead Safe™ Basin Mixer with Short Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.41.20.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-short-sink-mixer-with-lo~40723) GalvinAssist® CP Lead Safe™ Short Sink Mixer with Long Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 & AS 1428.1 |

# Student Basin Tapware Schedule PS | [SSP](https://efsg.det.nsw.edu.au/glossary#SSP)

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.41.20.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-short-sink-mixer-with-lo~40723) GalvinAssist® CP Lead Safe™ Short Sink Mixer with Long Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 & AS 1428.1 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.42.10.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-basin-mixer-with-short-p~40685)  GalvinAssist® CP Lead Safe™ Basin Mixer with Short Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

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

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| --- | --- | --- |
| **Property** | **Approved Product** | **Approved Product** |
| **Product** | [**TZ-FLOWTAPC225**](https://www.galvinengineering.com.au/flowmatic-concealed-sensor-assembly-with-ss-face-p) Flowmatic® Concealed Sensor Assembly with SS Face Plate & CliniLever® Fixed Wall Outlet 225 | [**TZ-FLOWHOBSP**](https://galvinengineer.sharepoint.com/sites/ProductDatabase/Working%20Files/Forms/AllItems.aspxhttps:/www.galvinengineering.com.au/flowmatic-hob-basin-tap-mains-power-single-tempera)  Flowmatic® Hob Basin Tap Mains Power Single Temperature |
| **Finish** | Brushed Stainless Steel Sensor Plate and Chrome Plate Outlet | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof | Yes - Robust, Tamper Proof |
| **Isolation Valve** |  |  |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 5 Star | 6 Star |
| **Compliance** | AS 3718 | AS 3718 |

# Wash Trough Tapware Schedule PS + HS | Cold Water Only

|  |  |  |
| --- | --- | --- |
| **Property** | **Approved Product** | **Approved Product** |
| **Product** | [**172.15.13.01**](https://www.galvinengineering.com.au/ezy-push-cp-bs-lead-safe-push-button-pillar-tap-co)  Ezy-Push® CP-BS Lead Safe™ Push Button Pillar Tap - Cold | [**172.46.13.01**](https://www.galvinengineering.com.au/ezy-push-cp-bs-lead-safe-push-button-deluxe-bib-ta~41034)  Ezy-Push® CP-BS Lead Safe™ Push Button Deluxe Bib Tap Aerated – Cold |
| **Finish** | Bright Chrome Plate | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star | 6 Star |
| **Compliance** | AS 3718 | AS 3718 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | **174.41.22.01**  Vandal Resistant CP Lead Safe™ J/V Deluxe Bib Tap Cold with 8LPM Aerator (NSW) |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 5 Star |
| **Compliance** | AS 3718 |

# Sink Tapware Schedule | PS + HS Canteen

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.41.10.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-short-sink-mixer-with-sh~40726)  GalvinAssist® CP Lead Safe™ Short Sink Mixer with Short Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.62.20.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-shower-mixer-set-with-lo~40866)  GalvinAssist® CP Lead Safe™ Shower Mixer Set with Long Paddle Handle W&C |
| **Hand Shower + Rail accessory** | [**41999**](https://www.galvinengineering.com.au/galvinassist-hand-shower-kit-with-900x32-stainless)  GalvinAssist® Hand Shower Kit with 900 x 32mm SS Hygienic Grab Rail  **A picture containing text  Description automatically generated** |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold  Warm Water Supply Remote TMV Temperature Control |
| **WELS Rating** | 3 Star |
| **Compliance** | AS 3718, AS/NZS 3662 & AS 1428.1 |

# Staff Shower Tapware + Shower Rose Schedule PS + HS

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | **174.01.02.01**  Vandal Resistant CP Lead Safe™ J/V Wall Top Assembly - Cold  **174.01.02.02**  Vandal Resistant CP Lead Safe™ J/V Wall Top Assembly - Hot |
| **Shower Rose accessory** | **[121.33.64.00](https://www.galvinengineering.com.au/galvincare-cp-bs-lead-safe-mental-health-anti-liga)**  GalvinCare® CP-BS Lead Safe™ Mental Health Anti-Ligature Wall Mtd Shower Rose 65 |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold  Warm Water Supply Remote TMV Temperature Control |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 4 Star |
| **Compliance** | AS 3718 & AS/NZS 3662 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.61.02.03**](https://www.galvinengineering.com.au/galvincare-cp-bs-lead-safe-vandal-resistant-shower)  GalvinCare® CP-BS Lead Safe™ Vandal Resistant Shower Set J/V |
| **Shower Rose Accessory** | [**121.33.64.00**](https://www.galvinengineering.com.au/galvincare-cp-bs-lead-safe-mental-health-anti-liga)  GalvinCare® CP-BS Lead Safe™ Mental Health Anti-Ligature Wall Mtd Shower Rose 65 |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold  Warm Water Supply Remote TMV Temperature Control |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 4 Star |
| **Compliance** | AS 3718 & AS/NZS 3662 |

# Urinal + Water Closet Assembly Tapware Schedule | PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.05.02.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-cistern-tap-c)  Vandal Resistant CP-BS Lead Safe™ J/V Cistern Tap - Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal resistant construction** | Yes - Robust, Tamper Proof |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Compliance** | AS 3718 |

# Single Laundry Trough - [GLS](https://efsg.det.nsw.edu.au/glossary#GLS) with Art Trough Tapware Schedule HS

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.12.22.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-lead-safe-j-v-pillar-tap-nsw-c)  Vandal Resistant CP Lead Safe™ J/V Pillar Tap with Aerator – Cold |
| **Finish** | Bright Chrome Plate |
| **Outlet** | 1 Tap Hole |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 3 Star |
| **Compliance** | AS 3718 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | **174.41.22.01 (x2)**  Vandal Resistant CP Lead Safe™ J/V Deluxe Bib Tap with Aerator - Cold |
| **Finish** | Bright Chrome Plate |
| **Outlet** | 1 Tap Hole |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 5 Star |
| **Compliance** | AS 3718 |

# Visual Arts + Materials Workshop Tapware Schedule HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**167.16.32.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #8 Aerator (RH)  [**167.16.33.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~41133)  GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #8 Aerator (LH)  A close-up of a stethoscope  Description automatically generated with medium confidence |
| **Finish** | Bright Chrome Plate |
| **Outlet** | 1 Tap Hole  Cold Water |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | Dual 5 Star & 6 Star |
| **Compliance** | AS 3718 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**102.11.11.00**](https://www.galvinengineering.com.au/clinilever-cp-bs-lead-safe-hospital-hob-mixing-set~40313)  CliniLever® CP-BS Lead Safe™ Hospital Hob Mixing Set Type 50 Swivel 150 J/V  [**181.03.35.03**](https://www.galvinengineering.com.au/ezy-wash-cp-bs-lead-safe-hob-mtd-twin-mixer-pre-ri~41073)  Ezy-Wash® CP-BS Lead Safe™ Hob Mtd Twin Mixer Pre-Rinse Unit Type 100 Flex Tail - Pot Filler  **A close-up of a faucet  Description automatically generated with medium confidence** |
| **Finish** | Chrome |
| **Outlet** | 1 Tap Hole & Trigger Spray + Pot Filler |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold & Hot + Cold |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 5 Star & 6 Star |
| **Compliance** | AS 3718 |

# Single Laundry Trough - Laundry Tapware Schedule HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.52.22.03**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-wall-sink-set~41020)  Vandal Resistant CP-BS Lead Safe™ J/V Wall Sink Set with 180H Swivel Gooseneck & Aerator (NSW) |
| **Spout** | [**174.52.22.03**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-wall-sink-set~41020)  180H Swivel Gooseneck & Aerator (NSW) |
| **Finish** | Bright Chrome Plate |
| **Outlet** | 1 Tap Hole |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Hot + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 5 Star |
| **Compliance** | AS 3718 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.05.02.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-cistern-tap-c)  Vandal Resistant CP-BS Lead Safe™ J/V Cistern Tap - Cold |
| **Finish** | Bright Chrome Plate |
| **Outler** | 1 Tap Hole |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Compliance** | AS 3718 |

# Boiling Water Unit - Staff + Canteen PS + HS

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.05.02.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-cistern-tap-c)  Vandal Resistant CP-BS Lead Safe™ J/V Cistern Tap - Cold |
| **Finish** | Bright Chrome Plate |
| **Outler** | 1 Taphole |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Compliance** | AS 3718 |

# Washing Machine - Laundry Tapware Schedule PS + HS

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**49920**](https://www.galvinengineering.com.au/vandal-resistant-chrome-plated-brass-j-v-washing-m~437)  Vandal Resistant Chrome Plated Brass J/V Washing Machine Tap - Cold  [**49924**](https://www.galvinengineering.com.au/vandal-resistant-chrome-plated-brass-j-v-washing-m~437)  Vandal Resistant Chrome Plated Brass J/V Washing Machine Tap – Hot |
| **Finish** | Bright Chrome Plate |
| **Outlet Type** | 1 Tap Hole  Hot + Cold Water |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Compliance** | AS 3718 |

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

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**190.42.11.12**](https://www.galvinengineering.com.au/galvinsafe-eye-face-wash-wall-mtd-hand-activated-a)  GalvinSafe® Eye/Face Wash, Wall Mtd, Hand Activated, AXION® MSR Head & SS Bowl (HAWS)  A picture containing indoor  Description automatically generated |
| **Finish** | Stainless Steel |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Valve** |  |
| **Connection** |  |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Mounting** | Wall Mounted on Bracket |

# Safety Shower - Science Laboratory Tapware Schedule HS

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**190.80.10.90**](https://www.galvinengineering.com.au/galvinsafe-free-standing-combishower-axion-msr-abs)  GalvinSafe® Free Standing Combi Shower, AXION® MSR ABS Eye/Face Wash, Hand & Foot Action (HAWS) |
| **Finish** | Bright Chrome Plate |
| **Outlet** |  |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Valve** | Self-Closing |
| **Connection** |  |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |

# Fume Cupboard | HS Science Laboratory Tapware Schedule

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**TL10S-16C**](https://www.galvinengineering.com.au/galvinlab-chrome-plated-brass-lab-bench-mounted-ou~383)  GalvinLab® Chrome Plated Brass Lab Bench Mounted Outlet Type 10 Swivel #16XT Tube Nozzle  **A picture containing engineering drawing  Description automatically generated** |
| **Finish** | Bright Chrome Plate |
| **Outlet** | Tube Nozzle |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Connection** | Non-drinking Water 15mm |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 5 Star |
| **Compliance** | AS 2845.1 |

# Gas Turret Science | HS Science Laboratory

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| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**TG40.DRAC**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lab-2-way-right-angle-gas-turret-t~371)  GalvinLab® CP-BS Lab 2-Way Right Angle Gas Turret Type 40 DPW - 90° with Non-Return Valve   A close-up of a faucet  Description automatically generated with medium confidence |
| **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** |
| **Product** | **13284**  CP-BS Key Control Hose Tap 12 (15BSP) Less Key  A close-up of a faucet  Description automatically generated with medium confidence |
| **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**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |

**External Hose Cock Tapware Schedule | PS + HS**

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**13284**](https://www.galvinengineering.com.au/cp-bs-key-control-hose-tap-12-15bsp-less-key)  CP-BS Key Control Hose Tap 12 (15BSP) Less Key  [**12575**](https://www.galvinengineering.com.au/bs-key-for-key-control-tap-polished)  BS Key for Key Control Tap 'Polished'  **A picture containing metalware, projectile, gear  Description automatically generated**A close-up of a faucet  Description automatically generated with medium confidence |
| **Finish** | Brass |
| **Size** | 20mm Hose Thread |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | N/A |
| **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** |
| **Product** | [**174.05.02.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-cistern-tap-c)  Vandal Resistant CP-BS Lead Safe™ J/V Cistern Tap - Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Compliance** | AS 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** |
| **Product** | [**368696X**](https://www.galvinengineering.com.au/ezy-push-316-stainless-steel-lead-safe-timeflow-pu)  Ezy-Push® SS316 Lead Safe™ Timeflow Push Button Pillar Tap MI - 6 Sec  A picture containing metalware, screw  Description automatically generated |
| **Finish** | Stainless steel |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Stars |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**368696X**](https://www.galvinengineering.com.au/ezy-push-316-stainless-steel-lead-safe-timeflow-pu)  Ezy-Push® SS316 Lead Safe™ Timeflow Push Button Pillar Tap MI - 6 Sec  A picture containing metalware, screw  Description automatically generated |
| **Finish** | Stainless steel |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Stars |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**368667X**](https://www.galvinengineering.com.au/ezy-push-316-ss-lead-safe-timeflow-push-button-del)  Ezy-Push® SS316 Lead Safe™ Timeflow Push Button Deluxe Bib Tap MI - 6 Sec A close-up of a light bulb  Description automatically generated with medium confidence |
| **Finish** | Stainless Steel |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Stars |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**368696X**](https://www.galvinengineering.com.au/ezy-push-316-stainless-steel-lead-safe-timeflow-pu)  Ezy-Push® SS316 Lead Safe™ Timeflow Push Button Pillar Tap MI - 6 Sec  A picture containing metalware, screw  Description automatically generated |
| **Finish** | Stainless steel |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Stars |
| **Compliance** | AS 3718 |

# Drinking Fountain | PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**170.52.14.00**](https://www.galvinengineering.com.au/ezy-drink-cp-bs-lead-safe-45-lever-action-drinking)  Ezy-Drink® CP-BS Lead Safe™ 45° Lever Action Drinking Bubbler Tap with Metal Mouthguard - FI (RH)  [**170.52.15.01**](https://www.galvinengineering.com.au/ezy-drink-cp-bs-lead-safe-45-cam-action-drinking-b)  Ezy-Drink® CP-BS Lead Safe™ 45° Cam Action Drinking Bubbler Tap with Metal Mouthguard - FI (RH) |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Stars |
| **Compliance** | AS 3718 |

# Gravity Pressure Tank | Animal Space HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.05.02.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-cistern-tap-c)  Vandal Resistant CP-BS Lead Safe™ J/V Cistern Tap - Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | N/A |
| **Compliance** | AS 3718 |

*GUIDE NOTE: Requires special consideration of services, refer manufacturer's recommendations*Refer to: SG / [METALWORK](https://efsg.det.nsw.edu.au/node/683) SG / [JOINERY](https://efsg.det.nsw.edu.au/spec/interior/sg551joinery)SG / [SANITARY FIXTURES](https://efsg.det.nsw.edu.au/spec/hydraulic/sg811sanitaryfixtures)

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **TITLE** | **COMPLIANCE LEVEL** |  |
|  |  |  |  |
| 4.1 | SELECTIONS |  |  |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#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](https://efsg.det.nsw.edu.au/spec/interior/sg572miscellaneousfurniture)  *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 |
| **Product** | [**174.22.22.03**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-hob-sink-set)  Vandal Resistant CP-BS Lead Safe™ J/V Hob Sink Set with 200 Gooseneck Spout & 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 |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | Dual 5 Star & 6 Star |
| **Compliance** | AS 3718 |

# B-05 Bench Cupboard | PS + HS [GLS](https://efsg.det.nsw.edu.au/glossary#GLS) with Sink

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | GLS with Sink |
| **Description** | 1200 Bench with SS sink with 1 tap hole |
| **Product** | [**174.12.22.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-lead-safe-j-v-pillar-tap-nsw-c)  Vandal Resistant CP Lead Safe™ J/V Pillar Tap with Aerator – Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 3 Star |
| **Compliance** | AS 3718 |

# B-06 Bench Cupboard | HS Science

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Science Learning Space |
| **Description** | 1200 Bench with SS sink with 1 tap hole |
| **Product** | [**167.16.31.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  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** | Dual 5 Star& 6 Star |
| **Compliance** | AS 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) |
| **Product** | [**167.16.31.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  GalvinLab® CP-BS Lead Safe™ Lab Set 1-Way Type 16 DPW Fixed J/V #16XT Tube Nozzle (RH)  [**167.16.27.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-fi~41132)  GalvinLab® CP-BS Lead Safe™ Lab Set 1 Way Type 16 Fixed J/V Tube Nozzle (LH) |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust and Tamper Proof |
| **Isolation Valve** | Cold Water |
| **WELS Rating** | Dual 5 Star & 6 Star |
| **Compliance** | AS 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 |
| **Product** | [**167.08.30.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-2-way-type-8-dpw)  GalvinLab® CP-BS Lead Safe™ Lab Set 2-Way Type 8 DPW Fixed J/V #8 Aerator #16XT Tube Nozzle |
| **Finish** | Bright Chrome Plate |
| **Vandal resistant construction** | Yes - Robust, Tamper Proof |
| **WELS Rating** | 5 Star |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.22.22.03**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-hob-sink-set)  Vandal Resistant CP-BS Lead Safe™ J/V Hob Sink Set with 200 Gooseneck Spout & Aerator (NSW) |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Hot + Cold |
| **WELS Rating** | Dual 5 Star & 6 Star |
| **Compliance** | AS 3718 |

# B-21 Bench Cupboard | PAA [IO](https://efsg.det.nsw.edu.au/glossary#IO)/[IS](https://efsg.det.nsw.edu.au/glossary#IS)/IP,  BD/[CD](https://efsg.det.nsw.edu.au/glossary#CD)/[ED](https://efsg.det.nsw.edu.au/glossary#ED),  SHARED PAA  IO/IS/IP

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**102.15.11.03**](https://www.galvinengineering.com.au/clinilever-cp-bs-lead-safe-hospital-sink-set-with~40992)  CliniLever® CP-BS Lead Safe™ Hospital Sink Set with Swivel 150mm Outlet 150 J/V **A close-up of a faucet  Description automatically generated with medium confidence** |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water Key Operated Isolation Valve |
| **WELS Rating** | 5 Star |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.22.22.03**](https://www.galvinengineering.com.au/vandal-resistant-cp-bs-lead-safe-j-v-hob-sink-set)  Vandal Resistant CP-BS Lead Safe™ J/V Hob Sink Set with 200 Gooseneck Spout & Aerator (NSW) |
| **Finish** | Bright Chrome plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Hot + Cold |
| **WELS Rating** | 5 Star |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.12.22.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-lead-safe-j-v-pillar-tap-nsw-c) **(x2)**  Vandal Resistant CP Lead Safe™ J/V Pillar Tap with Aerator – Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold |
| **WELS Rating** | 3 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 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.12.22.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-lead-safe-j-v-pillar-tap-nsw-c)  Vandal Resistant CP Lead Safe™ J/V Pillar Tap with Aerator – Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| **WELS Rating** | 3 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 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**102.15.11.03**](https://www.galvinengineering.com.au/clinilever-cp-bs-lead-safe-hospital-sink-set-with~40992)  CliniLever® CP-BS Lead Safe™ Hospital Sink Set with Swivel 150mm Outlet 150 J/V  **A close-up of a faucet  Description automatically generated with medium confidence** |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| **WELS Rating** | 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** |
| **Product** | [**113.41.10.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-short-sink-mixer-with-sh~40726)  GalvinAssist® CP Lead Safe™ Short Sink Mixer with Short Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Outlet** | 1 Tap Hole |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

# Bench Cupboard with top | Special Programs Room

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**174.12.22.01**](https://www.galvinengineering.com.au/vandal-resistant-cp-lead-safe-j-v-pillar-tap-nsw-c)  Vandal Resistant CP Lead Safe™ J/V Pillar Tap with Aerator – Cold |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Cold Water |
| **WELS Rating** | 3 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 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**167.08.30.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-2-way-type-8-dpw)  GalvinLab® CP-BS Lead Safe™ Lab Set 2-Way Type 8 DPW Fixed J/V #8 Aerator #16XT Tube Nozzle  [**167.16.31.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  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 |
| **WELS Rating** | 5 Star |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**102.15.11.03**](https://www.galvinengineering.com.au/clinilever-cp-bs-lead-safe-hospital-sink-set-with~40992)  CliniLever® CP-BS Lead Safe™ Hospital Sink Set with Swivel 150mm Outlet 150 J/V **A close-up of a faucet  Description automatically generated with medium confidence** |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| **WELS Rating** | 5 Star |
| **Compliance** | AS/NZS 3718 |

# B-0506 Bench Cupboard | PAA  [BD/CD/ED](https://efsg.det.nsw.edu.au/glossary#BDCDED) with Kitchen added | 3 Tap Holes

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**102.15.11.03**](https://www.galvinengineering.com.au/clinilever-cp-bs-lead-safe-hospital-sink-set-with~40992)  CliniLever® CP-BS Lead Safe™ Hospital Sink Set with Swivel 150mm Outlet 150 J/V **A close-up of a faucet  Description automatically generated with medium confidence** |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| **WELS Rating** | 5 Star |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**167.16.31.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  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** | Dual 5 Star & 6 Star |
| **Connection** | Flexible Supply Connection |
| **Compliance** | AS 3718 |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**113.41.10.04**](https://www.galvinengineering.com.au/galvinassist-cp-lead-safe-short-sink-mixer-with-sh~40726)  GalvinAssist® CP Lead Safe™ Short Sink Mixer with Short Paddle Handle W&C |
| **Finish** | Bright Chrome Plate |
| **Vandal Resistant Construction** | Yes - Robust, Tamper Proof |
| **Isolation Valve** | Warm + Cold Water |
| [**WELS**](https://efsg.det.nsw.edu.au/glossary#WELS)**Rating** | 6 Star |
| **Compliance** | AS 3718 |

# SK-40 Practical Activities Sink Trough | SHARED PAA

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**167.26.32.00**](https://www.galvinengineering.com.au/galvinlab-cp-lead-safe-set-bib-tap-bench-mtd-type) **(x2)**  GalvinLab® CP Lead Safe™ Set Bib Tap Bench Mtd Type 26 DPW Fixed J/V #8 Aerator    [**167.16.31.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  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** | Dual 5 Star & 6 Star |
| **Compliance** | AS 3718 |
| **Connection** | As shown on drawing  GUIDE NOTE: Refer to [SG DRAWING](https://efsg.det.nsw.edu.au/spec/sg-drawings) / SG430/ 1 in the [EFSG](https://efsg.det.nsw.edu.au/glossary#EFSG) Specification Guide. |

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

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Product** | [**167.26.32.00**](https://www.galvinengineering.com.au/galvinlab-cp-lead-safe-set-bib-tap-bench-mtd-type) **(x2)**  GalvinLab® CP Lead Safe™ Set Bib Tap Bench Mtd Type 26 DPW Fixed J/V #8 Aerator    [**167.16.31.00**](https://www.galvinengineering.com.au/galvinlab-cp-bs-lead-safe-lab-set-1-way-type-16-dp~40290)  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** | Dual 5 Star & 6 Star |
| **Compliance** | AS 3718 |
| **Connection** | As shown on drawing  GUIDE NOTE: Refer to [SG DRAWING](https://efsg.det.nsw.edu.au/spec/sg-drawings) / SG430/ 1 in the [EFSG](https://efsg.det.nsw.edu.au/glossary#EFSG) Specification Guide. |

A screenshot of a phone

Description automatically generated with low confidence

# SG811 Sanitary Fixtures GUIDE NOTE: Refer to Design Guide sections DG / HYDRAULICS GENERALLY DG DRAINAGE (&TRADE WASTE)

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **TITLE** | **COMPLIANCE LEVEL** |  |
|  |  |  |  |
| 1 | GENERAL |  | MANDATORY |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) *except as follows* | | | |
|  | | | |
| **1.0 General** | | | |
| In accordance with the **NSW Government Resource Efficiency Policy**, all fixtures and fittings must be at least the average [WELS](https://efsg.det.nsw.edu.au/glossary#WELS) star rating by product type. Where **WELS** rating is not available, use the alternative WaterMark rating scheme.  All new water-using appliances must be at least 0.5 stars above the average Water Efficiency Labelling and Standards (WELS) star rating by product type, except toilets and urinals, which must be purchased at the average **WELS** star rating.    Appliances and equipment purchased in the following categories with star ratings under the WELS scheme will be at least:     * showerheads – 3 stars (>7.5 but <=9.0 l/min) * toilets – 4 stars * urinals – 5 stars * dishwashers – 5 stars * taps and flow controllers – 5 stars. | | | |
|  | | | |
|  |  |  |  |
| 2 | PRODUCTS |  | MANDATORY |
| *As per current* [*NATSPEC 0811.2 Products*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) *except as follows* | | | |
|  | | | |
|  |  |  |  |
| 3 | EXECUTION |  | MANDATORY |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC)  *0811.3 Execution.* | | | |
|  | | | |
|  |  |  |  |
| 4 | SELECTIONS |  | MANDATORY |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) *0811.4 elections except as follows* | | | |
|  | | | |
|  | | | |

**FIXTURE SCHEDULE**

# Basins schedule | Boys + Girls Communal Hall, Staff PS+HS, Materials Workshop HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Hs Materials Workshop  Ps Bulk Store (General Assistant)  Ps Hs Staff Toilets  Hs Toilets Boys + Girls (Gym Used as Entertainment Venue)  Ps Toilets Boys + Girls (Hall Used by Community) |
| **Catalogue Number**  **or Model** | [**105.32.10.01**](https://www.galvinengineering.com.au/galvinassist-type-c-500mm-wall-mount-basin-1-th-wi)  GalvinAssist® 500mm Wall Mount Basin with Overflow 1TH**A white sink with a faucet  Description automatically generated with medium confidence** |
| **Material** | Vitreous China |
| **Colour** | White |
| **Size (L x W) (mm)** | 500 W X 410 L |
| **Tap Holes** | One (1) |
| **Soap Recesses** | Two (2) |
| **Trap + Shroud** | Concealed Trap + Shroud |
| **Bottle Traps** | Not Accepted |
| **Plug + Waste Outlet Size** | Complete With Anti Vandal Waste 40-32mm Chrome Plated Brass and White Plastic Plug |
| **Installation and Support** | Wall Mount Fixing Kit Included |
| **Overflow** | Yes |
| [**AS**](https://efsg.det.nsw.edu.au/glossary#AS)**Compliance** | AS 1428.1 |

# Basins schedule | Access (1 tap hole)

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS + PS Accessible Toilets  Accessible Bathrooms |
| **Catalogue Number**  **or Model** | [**105.32.10.01**](https://www.galvinengineering.com.au/galvinassist-type-c-500mm-wall-mount-basin-1-th-wi)  GalvinAssist® 500mm Wall Mount Basin with Overflow 1TH  **A white sink with a faucet  Description automatically generated with medium confidence** |
| **Material** | Vitreous China |
| **Colour** | White |
| **Size (L x W) (mm)** | 500 W X 410 L |
| **Tap Holes** | One (1) |
| **Soap Recesses** | Two (2) |
| **Trap + Shroud** | Concealed Trap + Shroud |
| **Bottle Traps** | Not Accepted |
| **Plug + Waste Outlet Size** | Complete With Anti Vandal Waste 40-32mm Chrome Plated Brass and White Plastic Plug |
| **Installation and Support** | Wall Mount Fixing Kit Included |
| **Overflow** | Yes |
| [**AS**](https://efsg.det.nsw.edu.au/glossary#AS)**Compliance** | AS 1428.1 |

# Basins schedule | Access (3 tap holes)

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS + PS Accessible Shower & Toilet  Assisted Shower  Toilet  Change Room |
| **CatalogueNumber**  **or Model** | **[105.32.10.03](https://www.galvinengineering.com.au/galvinassist-type-c-500mm-wall-mount-basin-3-th-wi)**  GalvinAssist® 500mm Wall Mount Basin with Overflow 3TH**A white sink with a faucet  Description automatically generated with medium confidence** |
| **Material** | Vitreous China |
| **Colour** | White |
| **Size (L x W) (mm)** | 500 W X 410 L |
| **Tap Holes** | Three (3) |
| **Soap Recesses** | Two (2) |
| **Trap + Shroud** | Concealed Trap + Shroud |
| **Bottle Traps** | Not Accepted |
| **Plug + Waste Outlet Size** | Complete With Anti Vandal Waste 40-32mm Chrome Plated Brass and White Plastic Plug |
| **Installation and Support** | Wall Mount Fixing Kit Included |
| **Overflow** | Yes |
| [**AS**](https://efsg.det.nsw.edu.au/glossary#AS)**Compliance** | AS 1428.1 |

# Basins schedule | Individual Toilets, Clinic

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS + PS Staff  Staff Ambulant Toilets  Community Clinic |
| **Catalogue Number**  **or Model** | [**105.32.13.01**](https://www.galvinengineering.com.au/galvinassist-ultra-compact-wall-mount-basin-1-th-w)  GalvinAssist® Ultra-Compact Wall Mount Basin with Overflow 1TH |
| **Material** | Vitreous China |
| **Colour** | White |
| **Size (L x W) (mm)** | 385 W X 250 L |
| **Tap Holes** | One (1) |
| **Soap Recesses** | Two (1) |
| **Trap + Shroud** | Concealed Trap + Shroud |
| **Bottle Traps** | Not Accepted |
| **Plug + Waste Outlet Size** | Complete With Anti Vandal Waste 40-32mm Chrome Plated Brass and White Plastic Plug |
| **Installation and Support** | Wall Mount Fixing Kit Included |
| **Overflow** | Yes |
| [**AS**](https://efsg.det.nsw.edu.au/glossary#AS)**Compliance** |  |

# Basins schedule | PS Staff Shower [SSP](https://efsg.det.nsw.edu.au/glossary#SSP)

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | PS Staff Shower |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Colour** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |
| **Soap Recesses** |  |
| **Trap + Shroud** |  |
| **Bottle Traps** |  |
| **Plug + Waste Outlet Size** |  |
| **Installation and Support** |  |
| **Overflow** |  |
| [**AS**](https://efsg.det.nsw.edu.au/glossary#AS)**Compliance** |  |

# Baths schedule | Senior Student Unit Toilet

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Senior Student Unit Toilet / Bathroom |
| **Catalogue Number**  **or Model** | **105.94.00.00**GalvinAssist® Slim Design Inwall Cistern, Less Flush Plate |
| **Material** | Acrylic |
| **Colour** | White |
| **Size (L x W) (mm)** | 1525 L X 720 W X 390 D |
| **Type** | Built In - Rectangular |
| **Wall Thickness (mm)** |  |
| **Waste Outlet Size** |  |
| **Installation and Support** |  |
| **Overflow** | Yes |
| **AS Compliance** |  |

# Sink schedule | Canteen

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS + PS Canteens |
| **Catalogue Number**  **or Model** | [**105.82.00.01**](https://www.galvinengineering.com.au/galvinassist-ss-150mm-sink-double-centre-bowls-1-t)  GalvinAssist® SS, 150mm Sink, Double Centre Bowls, 1 TH  A picture containing indoor, silver  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity Minimum** | 18 Litres (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 405 L x 180 D (Each Bowl) |
| **Drainer** | Twin Located Both Sides Of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) |
| **Overflow** | Yes |
| **Overall Size** | 1500 L X 500 W |

# **Laundry Trough schedule | Laundry,** [GLS](https://efsg.det.nsw.edu.au/glossary#GLS) **(Art) Science Lab (eye wash), Visual Arts + Materials Workshop**

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Visual Arts Workshop  HS Materials Workshop |
| **Catalogue Number**  **or Model** | [**105.83.10.01**](https://www.galvinengineering.com.au/galvinassist-freestanding-laundry-tub)  GalvinAssist® Free Standing Laundry Tub  A picture containing appliance  Description automatically generated |
| **Material** | Stainless Steel |
| **Bowls** | One (1) |
| **Capacity Minimum** | 45 Litre Bowls |
| **Overall Size (L x W) mm** | 600 W x 500 Lx 900 H |
| **Tap Holes** | One (1) |
| **Splashback Flange** | At Back 25mm H |
| **Bypass** | Yes |
| **Trough Mounting** | White Permacoat Steel Cabinet with Hinged Door |
| **Waste** | Stainless Steel Grate |
| **Splash Back** | Standard |
| **Splashback Material** | Stainless Steel Satin Finish |
| **Splashback Height** | 450 H |
| **Splashback Width** | Full Width of Laundry Trough |

# Bucket Sink schedule | hinged grate | Cleaners PS+HS, Botany/Zoology HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS + PS Cleaners Distributed Store Cleaning Supplies Store  HS Botany Store  *\* No vitreous china Bucket Sinks to be used on school projects* |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Finish** |  |
| **Overall Size** |  |
| **Back Flange** |  |
| **Overflow** |  |
| **Mounting** |  |
| **Mounting Height** |  |
| **Drainer** |  |
| **Hinged Grate Material** |  |

# Bucket Sink schedule | no hinged grate | Wood / metal workshop, Outdoor Covered Workshop HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Wood/Metal Workshop  Outdoor covered workshop *\* No vitreous china Bucket Sinks to be used on school projects* |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Finish** |  |
| **Overall Size** |  |
| **Overflow** |  |
| **Back Flange** |  |
| **Mounting** |  |
| **Mounting Height** |  |
| **Drainer** |  |

# 

# Water Closet Assemblies | Access PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS + PS Access Toilet Staff or Student  HS + PS Access Shower/Toilet  HS + PS Access Shower/ Toilet / Change |
| **Catalogue Number**  **or Model** | [**105.10.10.01**](https://www.galvinengineering.com.au/galvinassist-wall-faced-clean-flush-easy-care-acce~33656)  GalvinAssist® Wall Faced, Clean Flush, Easy Care, Accessible Toilet Suite with Blue Seat  A picture containing toilet  Description automatically generated |
| **WELS Rating** | 4 Star |
| **Dual Flush** | 4.5/ 3 Litre Dual Flush |
| **Backrest** | [**105.76.02.01**](https://www.galvinengineering.com.au/galvinassist-pwd-backrest)  GalvinAssist® PWD Backrest |
| **Seat** | Galvinassist® Single Flap Seat, Sorrento Blue, Institutional Hinges,  Rotatable/Buffers. Ensure Floor+ Wall Tile Colour Selection Achieves AS 1428.1 Luminous Contrast to Seat |
| **Material** | Vitreous China |
| **Cistern** | Complete with Integral Close Coupled Vitreous Cistern & Raised Buttons |
| **Cistern Buttons** | GalvinAssist® Raised Buttons |
| **Flush Pipe** |  |
| **As Compliance** | AS 1428.1 |

# Water Closet Assemblies Schedule | Girls Boys PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | PS Toilets Boys + Girls  HS Toilets Boys + Girls |
| **Catalogue Number**  **or Model** | [**105.10.00.03**](https://www.galvinengineering.com.au/galvinassist-close-coupled-clean-flush-easy-care-t)  GalvinAssist® Close Coupled, Clean Flush Toilet Suite with Blue Seat |
| **WELS Rating** | 4 Star |
| **Dual Flush** | 4.5/ 3 Litre Dual Flush |
| **Seat** | Blue Single Flap Vandal Resistant Seat and Blind Fixings |
| **Material** | Vitreous China |
| **Cistern** | GalvinAssist® Vitreous Cistern with Adjustable Height Connector 4.5/ 3 L Dual Flush, Wall Fixed Low Level Cistern |
| **AS Compliance** | AS 1172 |

# Water Closet Assemblies Schedule | Girls Boys Pre School + Early Childhood

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Pre school  Early Childhood Unit |
| **Catalogue Number**  **or Model** | **682001809**  Ifo Sign 6820 Junior Toilet 4.5L / 3L Dual Flush with Soft-Close Seat, S-Trap – White |
| **WELS Rating** | 4 Star |
| **Dual Flush** | 4.4/3.1 Litre Dual Flush |
| **Height Floor to Seat** | 740mm |
| **Seat** | White, Double Flap, Soft Closing |
| **Material** | Ceramic |
| **Cistern** | Included - bolted onto pan for enhanced back support |
| **AS Compliance** |  |

# Water Closet Assemblies Schedule | Staff, Ambulant

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Staff  Staff + Student Ambulant |
| **Catalogue Number**  **or Model** | [**105.10.20.00**](https://www.galvinengineering.com.au/galvinassist-wall-faced-clean-flush-easy-care-ambu)  GalvinAssist® Wall Faced, Clean Flush, Easy Care, Ambulant Toilet Suite with Soft Close Seat  A white trash can  Description automatically generated with low confidence |
| **Dual Flush** | 4.5/ 3 Litre Dual Flush |
| **Seat** | Galvinassist® Single Flap Seat White |
| **Material** | Vitreous China |
| **Cistern** | GalvinAssist® Integral Cistern 4.5/ 3 L Dual Flush, Wall Fixed Low-Level Cistern |
| **AS Compliance** | AS1428.1 |

# Urinal Assemblies Schedule | Boys PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | PS + HS Toilets Boys |
| **Catalogue Number**  **or Model** |  |
| **Length** |  |
| **Fall to Centre Waste** |  |
| **Material** |  |
| **Outlet** |  |
| **Inlet** |  |
| **Anti-Drum Compound** |  |

# Urinal Flusher Schedule | Boys PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | PS + HS Toilets Boys |
| **Catalogue Number**  **or Model** | [**TZ-FLOWFLUS**](https://www.galvinengineering.com.au/flowmatic-automatic-flusher-ceiling-wall-mounted-f) Flowmatic® Automatic Flusher Ceiling/Wall Mounted for Urinal 15 24v AC |
| **Type** | Flowmatic® Automatic Flusher Ceiling/Wall Mounted for Urinal 15 24v AC |
| **Solenoid Valve** | Solenoid Valve  AS MP52 Spec 030slow Shut Off to Reduce Water Hammer  Capable Of Operating in The Range of Varying Water Pressures Across NSW |
| **WELS** | 5 Star – When Installed on 600mm of Urinal |
| **Program Range** | Flush Duration: 5,10 Seconds  Flush Interval: 6,8,12,24 Hrs |
| **Reset** | Auto Reset to Programmed Operation After Power Failure |
| **Hygienic Flush** | One Flush Within A 12-Hr Period When Inactive. |
| **Power Supply** | 240 V Via AC Adaptor |
| **Installation** | Fully Concealed  Allow Access for Servicing |

# Fabricated SS Trough | Wash / Drinking Trough PS + HS

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Approved Product** | | |
| **Location** | Boys + Girls Toilets  Outdoor Learning Areas  Drinking Facilities General  HS Showers + Change | | |
| **Catalogue Number**  **or Model** |  | | |
| **Material** |  | | |
| **Outlet** |  | | |
| **Corners + Edging** |  | | |
| **Identification** |  | | |
| **Plumbing** |  | | |
| **Rim Height to Ground or FFL** |  | **Wash Trough** | **Drinking Trough** |
| **Pre School** |  |  |
| **Primary School** |  |  |
| **Secondary** |  |  |
| **Trough Guard** |  | | |
| **Splash Back** |  | | |
| **Support Assembly** |  | | |

# Fabricated SS Trough | Art Trough PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Visual Arts Workshop  HS Materials Workshop  HS GLS with Art Space |
| **Catalogue Number**  **or Model** |  |
| **Type** |  |
| **Reference Drawing** |  |
| **Material** |  |
| **Size Type 1** |  |
| **Size Type 2** |  |
| **Outlet** |  |
| **Installation** |  |
| **Splash Back** |  |
| **Material** |  |

# Fabricated SS Trough | Special Art Trough with Bench  PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | PS Outdoor Learning Area |
| **Reference** | Refer to EFSG / SG / SG DRAWING SG 504/1 |

# Clay / Plaster Arrestor | Art Trough with Pottery Wheel HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Visual Arts Workshop  GLS with Pottery Wheels |
| **Type 1** | Stainless Steel Clay/Plaster Arrestor with Removable Lid, Perforated Stainless Steel Strainer Basket and Baffles On Castors |
| **Reference Drawing** | SG / SG Drawing SG 405/2 |
| **Material** | Stainless Steel Grade 304  No4 Linish  0.9mm and 1.2 Mm Thick |
| **Connection** | 50mm Universal Trap |
| **Inlet** | PVC 50mm Diameter on Raised End of Unit |
| **Outlet** | PVC 50mm Diameter with Grate Removed |
| **Overflow** | Yes |
| **Strainer Basket** | Removable |
| **Perforations** | 2 mm Diameter  15 mm Centres |
| **Locating Springs** | Two (2) Attached to Baffle to Ensure Strainer Basket is Located Under Inlet Lip |
| **Baffles** | Two (2) Permanently Fixed |
| **Type 2** |  |
| **Removable** | One (1) Solid  One (1) Perforated |
| **Perforations** | 5 mm Diameter, 8 mm Centres |
| **Outlet Control** |  |
| **Type** | Box, Positioned Over Outlet with Open Bottom End and a 0.4 mm Diameter Hole in Top |
| **Maintenance** | Lid, Strainer Basket and Removable Baffles Must Be Able to be Removed while the Clay / Plaster Arrestor is in Position and without Disconnecting the Inlet and Outlet |

# Fabricated SS Trough | Plant Soaking Shelf Trough HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS |
| **Type** | Fabricated Flush SS Trough Assembly Recessed into Laminated Bench Top. Tapware with Anti-Rotation Lugs to be Fitted to Both Ends of The Tough |
| **Reference Drawing** | SG / SG Drawing SG 404/1  SG / SG Metalwork |
| **Material** | Stainless Steel Grade 304  Satin Finish  0.9 mm Thick |
| **Size** |  |
| **Height** | 950mm Rim Height from Floor |
| **Outlet** | 50mm, SS Grate with Sufficient Fall to Effectively Drain Water to the Grate, Locate in Centre |
| **Overflow** | Yes |
| **Splash Back** | Height 450 Mm from Top Of Benchtop  Fixed Securely to Wall |
| **Material** | Stainless Steel Grade 304  No4 Linish  0.9 mm Thick |

# Splashbacks | PS + HS

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Refer to EFSG / SG / MISCELLANEOUS FURNITURE /  STANDARD DoE FURNITURE ITEMS  Include List of Location/a where Splashbacks are Required |
| **Type** | Stainless Steel Splashback |
| **Material** | Stainless Steel Grade 304  No4 Linish  0.9 mm Thick |
| **Splash Back** | Height 450 mm from Top of Bench Unless Nominated Otherwise |
| **Length** | To Suit Application |
| **Installation** | Fix Securely to Wall. Seal Between Bottom Edge of Splashback and Benchtop with White Silicone Mastic, Gunned in, Waterproof Seal |

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **TITLE** | **COMPLIANCE LEVEL** |  |
|  |  |  |  |
| 4.2 | SELECTIONS |  | MANDATORY |
| *As per current* [*NATSPEC*](https://efsg.det.nsw.edu.au/user/login?destination=glossary#NATSPEC) *0811.4 Selections except as follows* | | | |
|  | | | |
| *GUIDE NOTE:  Delete subclause "4.1 Sanitary Fixtures" nominated in NATSPEC Building Template/ Worksection and replace with the following text:* | | | |
| **4.1 Items with integrated Sanitary Fixtures Installed by Contractor – Refer SG / Miscellaneous Furniture Section**  All items to be installed by the building contractor in accordance with statutory requirements.  *GUIDE NOTE: Remove fixtures not required. Insert project specific locations.*  Refer to [EFSG](https://efsg.det.nsw.edu.au/glossary#EFSG) SG / MISCELLANEOUS FURNITURE. | | | |
|  | | | |

# B-05 Bench Cupboard  PS + HS | Staff, Sick Bay, First Aid, Library, [GLS](https://efsg.det.nsw.edu.au/glossary#GLS) | SK-42 sink

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Staff Room Adjoining Staff Annex  Sick Bay  Office Workroom  GLS with Sink  Library Administration |
| **Catalogue Number**  **or model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Overflow** | Yes |
| **Capacity Minimum** | 18 Litre (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 420 L x 180 D (Each Bowl |
| **Drainer** | Twin Located Both Sides Of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) *\*3 TH Also Available* |
| **Overall Size** | 1500 L X 500 W |

# B-06 Bench Cupboard HS | Science Learning Spaces | SK-32

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Science Learning Spaces |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Capacity Minimum** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |
| **Overall Size** |  |

# B-080S Bench Cupboard PS | PAA | SK-40

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Practical Activities Area  Shared Practical Activity Area  Practical Activities Area   io/is/p   [BD/CD/ED](https://efsg.det.nsw.edu.au/glossary#BDCDED)  Shared Practical Activity Area  [IO](https://efsg.det.nsw.edu.au/glossary#IO).[IS](https://efsg.det.nsw.edu.au/glossary#IS)/P   BD/CD/ED |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |
| **Overall Size** |  |

# B-21 Bench Cupboard HS | PAA | SK-50

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Practical Activities Area |
| **Features** | B21 Bench Cupboard, Technology and Top, Bench Technology, SK 50 Craft Trough |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |

# B-21 Bench Cupboard HS | Science Prep, Science GLS with Demonstration Bench | SK-32

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Science Preparation Area  HS GLS with Science Demonstration Bench |
| **Features** | B21 Bench Cupboard and Top, Bench Technology, SK32 Sink |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Capacity Minimum** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |

# B-21 Bench Cupboard HS | Staff, Community Clinic, Fitness Lab, Kitchen Type 1+2, GLS Type 7+14|SK-41

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Community Clinic & Staff Room  HS Clinic Boys  HS Fitness Laboratory  HS GLS Type 7 + 14  HS Preparation/Printing  HS Kitchen Type 1 and 2 |
| **Features** | B21 Bench Cupboard And Top, Bench Technology, Stainless Steel SK41 Sink |
| **Catalogue Number**  **or Model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity Minimum** | 18 Litre (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 420 L x 180 D (Each Bowl) |
| **Drainer** | Twin Located Both Sides Of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) *\*3 TH Also Available* |
| **Overall Size** | 1200L x 500mm W x 180mm D |

# B-21 Bench Cupboard PS + HS | Sick Bay, Girls Clinic, Tea Room, Special Programs, Staff | SK-42

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Hs Clinic Girls  Tea Room  Special Programs Room  Staff Room  Ps Sick Bay |
| **Features** | B21 Bench Cupboard and Top, Bench Technology, Stainless Steel SK 42 Sink |
| **Catalogue Number**  **or Model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity Minimum** | 18 Litre (each bowl) |
| **Size (L x W) (mm)** | 350 W x 405 L x 180 D  each bowl |
| **Drainer** | Twin Located Both Sides of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | Three (3) |
| **Overall Size** | 1500 L x 500 W |

# B-21 Bench Cupboard PS + HS | Support PAA, Tea Room, Kitchen Prep, Kitchen Type 1 + 2 | SK-34

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Practical Activities Area BD/CD/ED  Practical Activities Area [IO/IS/P](https://efsg.det.nsw.edu.au/glossary#IOISP)  Shared Practical Activities Area IO/IS/P  Tea Room  HS Kitchen Preparation  HS Kitchen Domestic and Semi-Commercial |
| **Features** | B21 Bench Cupboard and Top, Bench Technology, Stainless Steel SK34 Sink |
| **Catalogue Number**  **or Model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity Minimum** | 18 Litre (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 420 L x 180 D (Each Bowl) |
| **Drainer** | Twin Located Both Sides of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) *\*3 TH Also Available* |
| **Overall Size** | 1200L x 500mm W x 180mm D |

# B-48 Bench Cupboard HS | Science Laboratory | SK-32

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Science Laboratory |
| **Features** | B48 Bench Demonstration Science |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Capacity Minimum** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |
| **Overall Size** |  |

# B-70 Darkroom Trough HS | Visual Art | SK-41

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Dark Room |
| **Features** | B70 Darkroom Trough with Bench Support T Aps, Trough and Tapware Supplied by the Nominated Furniture Supplier.  Installation, Install, Test and Commission all Fittings in Accordance with Statuary Requirements. |
| **Catalogue number or model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity minimum** | 18 Litre (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 420 L x 180 D (Each Bowl) |
| **Drainer** | Twin Located Both Sides of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) *\*3 TH Also Available* |
| **Overall Size** | 1200L x 500mm W x 180mm D |

# M-79 Top PS| PAA | SK-40

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Practical Activities Area |
| **Features** | M-79 Top, Bench Technology, SK-40 (PA Trough) |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |
| **Overall Size** |  |

# Sp-48 Bench Cupboard HS | Science | SK-32

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Science Laboratory |
| **Supply** | Sp-48 Bench, height adjustable (front wind), Science, flexible waste connection |
| **Catalogue Number**  **or Model** |  |
| **Material** |  |
| **Capacity Minimum** |  |
| **Size (L x W) (mm)** |  |
| **Tap Holes** |  |
| **Overall Size** |  |

# Sp-49 Bench Cupboard HS | Kitchen Type 1 | SK-41

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | HS Kitchen Domestic |
| **Supply** | Sp-49 Bench, Height Adjustable (Front Wind), Kitchen, Flexible Waste Connection |
| **Catalogue Number**  **or Model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity Minimum** | 18 Litre (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 420 L x 180 D (Each Bowl) |
| **Drainer** | Twin Located Both Sides of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) *\*3 TH Also Available* |
| **Overall Size** | 1200L x 500mm W x 180mm D |

# B-0506 Bench Cupboard | Support PAA | SK-41

|  |  |
| --- | --- |
| **Property** | **Approved Product** |
| **Location** | Practical Activities Area BD/CD/ED |
| **Supply** | B-0506 Bench Cupboard 1200, Sink (white) |
| **Catalogue Number**  **or Model** | **105.82.00.01**  GalvinAssist® SS, 1500mm Sink, Double Centre Bowls, 1 TH  *(3 TH also available)*  Text  Description automatically generated |
| **Material** | Stainless Steel  Grade 304, Bright Finish |
| **Bowls** | Two (2) |
| **Capacity Minimum** | 18 Litre (Each Bowl) |
| **Size (L x W) (mm)** | 350 W x 420 L x 180 D (Each Bowl) |
| **Drainer** | Twin Located Both Sides of Bowls. Fluted Finish.  380mm Each Drainer |
| **Tap Holes** | One (1) *\*3 TH Also Available* |
| **Overall Size** | 1200L x 500mm W x 180mm D |