DESIGN MANUFACTURE SERVICE
SUSTAINABLE ENVIRONMENTAL TREATMENT SOLUTIONS

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Proud Member Of

Photographs of products are indicative only. Actual products supplied may differ in some details to those shown. Halgan Pty Ltd reserves the right to change any product specification or performance without notice and without incurring any obligations or liability for such changes.
To Our Customers

Whether you need grease traps, grease extractors, pump stations, pre-treatment devices, rainwater management systems or storm water treatment systems, Halgan’s sustainable environmental treatment solution products offers many advantages. They’re durable, reliable, and of superior standard. We’re also proud of our pre-sales and post-sales technical service, it’s about relationships and trust in a team that is on your side.

Company Profile

Halgan Pty Ltd, an Australian owned company, established in 1994, specialises in all aspects of sustainable environmental treatment solutions. From the initial manufacturing of treatment products, with a state of the art rotomoulding machine, right through to the consultation and sales process, Halgan Pty Ltd provides a superior product with stringent quality assurance.

For 20 years Halgan Pty Ltd has provided pre-treatment products and a dedicated service to plumbers, developers, engineers and merchants. We’re proud of the reputation we have earned over that time for “having what you need, when you need it, where you need it”.

Mission
To promote a sustainable environment, which is reflected in the products we sell, purchase and use.

Vision
To maintain a leading position in our markets through innovative, environmentally friendly products of the highest quality.

Values

Safety | we protect ourselves and others before all other priorities. Safety is a virtue to be instilled in each of us.

Innovation | we foster a creative environment where employees openly and enthusiastically search for new ways to improve our work.

Spirit of service | we reliably and equitably deliver exceptional products and services to our customers and communities all day, every day.

Empowered teams | we respect, trust, collaborate and communicate – openly embracing problems and conflict as opportunities to create solutions.

Communications | we listen to and share with each other timely, accurate and clear information to ensure effective performance of our work.

Promote professional & personal development | we provide opportunities to encourage each other to reach our highest level of performance within an inclusive, positive, fun work environment.
Company Directory

Halgan Pty Ltd
ABN 69 064 448 157

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Freecall 1800 626 753
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fax +61 2 9939 8027

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ph +61 7 3208 8339
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Sales sales@halgan.com.au
General Enquiries info@halgan.com.au

www.halgan.com.au
Halgan Product Advantages

**Compact | lightweight**

- Manufactured from Polyethylene ensures our products are lightweight, easy to transport and easy to install
- Installation costs are considerably reduced as cranes or heavy haulage equipment isn’t required.

**Easily transported**

- Lightweight units are easily transportable and can be installed in locations that are difficult to access. On site, units are easily handled and manoeuvred.

**Durable, acid resistant, long life**

- Units are manufactured using the most modern and technically advanced rotomoulding equipment which ensures effective and efficient quality control throughout the manufacturing process
- The polyethylene material used is chemically inert, non-porous and UV stabilised, and does not require additional acid resistant coatings required on most steel and concrete units.
- Polyethylene offers better overall chemical resistance to corrosive acids, bases & salts, and is unaffected by bacteria, fungi or even aggressive naturally occurring soils
- Polyethylene is highly durability against dents, cracks or breaks and has a projected life of over 50 years.
- Units certified by Structural Engineer to Australian and New Zealand Standards in line with the industry’s best practice requirements

**Easily cleaned**

- The smooth wax-like surface of polyethylene products hinders the building up of coagulated oils and fats which allows for quick and through cleaning of units and minimal rinse water usage.

**Environmentally friendly – Green Star**

- Green Star is an internationally recognised sustainability rating system with which Halgan’s polyethylene products can contribute towards
- Our products have documentable advantages in materials, energy, transport, emissions, water and land use, and ongoing maintenance cost savings.
- Measurable financial and environmental benefits of Green Star mean Halgan products are the right product of choice
Why Halgan?

Halgan Pty Ltd provides a complete sustainable environmental treatment end-to-end solution, spanning industries as diverse as healthcare, hospitality, property development, construction and mining.

Sharpen your business focus

We take the time to understand our customers’ requirements, developing a collaborative approach and building efficiencies into end-to-end processes.

Our systems deliver the benefits of improved profitability due to the smarter thinking that goes into their design.

The strength of a team that is on your side

With a breadth of experience in the industry, our highly trained employees and strong management, makes Halgan Pty Ltd a perfect partner for your organisation.

A team with knowledge, understanding and commitment to quality standards and training that prides itself on excelling in the industry.

A personalised way of doing business

What makes our way unique is the way in which we work with our customers, building a strong relationship based on respect, shared knowledge and ongoing support.

That’s what we call the Halgan Way. The Halgan Way is our personalised way of doing business, bringing together the best aspects of partnership, support, smart thinking, continuous improvement and experience.

More than an operational function of business, it’s also about relationships and trust in a team that is on your side, whose quality standards and safety records support yours.

Our people make the difference

They make us who we are today, and who we want to be tomorrow.

The team at Halgan Pty Ltd partner with clients and collaborate to develop the next generation of innovative solutions to meet your business needs.

Diverse products, focused expertise

We provide innovative and tailored solutions bringing together the best aspects of partnership, support, smart thinking and diversity of experience.

Halgan Pty Ltd offers an extensive product range and technical expertise to provide complete sustainable environmental treatment end-to-end solutions.
Australian made

We are proud that our production and manufacturing is located in Australia, using Australian parts and labour. It gives great confidence in the quality and value of our products to our customers, by:

- being better for the environment and reducing our carbon footprint;
- supporting local jobs and providing employment for those living in Australia;
- growing the Australian economy;
- ensuring skills sets are retained for future generation of Australians; and
- ensuring superior quality controls

AS | NZS 1546.1 Certification

Continuing in our commitment to excellence, Halgan Pty Ltd has achieved AS-NZS 1546.1 Certification for the MGT S Series grease traps and pre-treatment vessels, the first pre-treatment manufacturer in Australia to attain this.

There is no applicable general or national standard for grease traps, the most relevant certification was AS/NZS 1546.1 - On-site domestic wastewater treatment units – Septic tanks and Holding Wells. Compliance is achieved through an on-site factory assessment of the manufacturing processes as well as type testing of product samples and testing reports. Type testing includes “Determination Of Resistance to Lateral Load - Hydraulic Test Method”. The lateral load (side loading) test simulates forces on Grease Traps wall due to soil in a partially saturated state together with any accidental (incidental) additional loading due to the presence of earth moving equipment adjacent to the tank. Ongoing certification is required and involves testing and audits to ensure that maintenance of the manufacturing process is occurring, and to monitor design change evolution.

Certification is an important step in assuring that customers continue to receive the very best in quality and service from Halgan Pty Ltd and our products. It ensures the implementation of a robust quality management system to guide and govern the company at all levels.

Working with a certified company

Benefits:

- business and customer related objectives and targets
- embedded cycles of improvement (getting better all the time)
- customer complaints handling system
- customer focused process development
- customer needs analysis
- systems and process performance monitoring
- planned and implemented staff training and development
Grease Traps

By law, trade wastewater cannot be discharged directly to the sewer as it contains solids, oil, grease and other substances, which cause blockages and overflows, overload wastewater treatment plants and pollute our rivers and beaches.

To ensure you don’t cause any of these problems, you must have local Water Authority approval to discharge trade wastewater to sewer, and use only approved pre-treatment items installed by a licensed plumber.

Halgan’s grease traps come in a range of models that offer National Certification and are modular by nature so have design flexibility. They are lightweight for ease of transportation and installation and polyethylene for quality and longevity of products.
Halgan Modular Grease Trap - MGT

The Halgan Modular Grease Trap (MGT) is available in a range of sizes from 550 litre to 10000 litre capacity. Units can be joined side by side, or in a line, and installed in a number of combinations.

The Halgan MGT can be installed freestanding, above ground or inground with medium and heavy duty lids.

The Halgan MGT is designed to be upgradable for future expansion by adding on extra modules.

Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Easily cleaned
- Durable
- Upgradable for future expansion

Applications
- Cafes
- Restaurants
- Bakeries
- Takeaways and any commercial premises that discharges oil and grease

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Halgan Modular Grease Trap “A” Series  - MGT “A”

The Halgan Modular Grease Trap A Series (MGT “A” Series) is an additional design to the MGT series.

It is a single tank that is used for above ground only, installed freestanding (there is no need for a frame).

The Halgan MGT “A” Series is available in a range of sizes from 1000 litre to 6000 litre capacity.

HDPE Inlet Kit and DWV Kits supplied with each Grease Trap.

Features

- Designed to fit into one car park space
- Structural integrity
- Access lids for easy servicing
- Surge Control Device (SCD)
- UV resistant
- Lightweight

Applications

- Cafes
- Restaurants
- Bakeries
- Takeaways and any commercial premises that discharges oil and grease

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Halgan Modular Grease Trap “S” Series - MGT “S”

The Halgan Modular Grease Trap S Series (Halgan MGT “S” Series) has been designed to incorporate features to not only maximise performance, but to allow for enhanced servicing capabilities. The shape allows for solids and sludge to be captured in a purpose built servicing channel, whilst utilising the benefits of the existing Surge Control Device design. The Halgan MGT “S” Series has a Patented “Service Channel”, designed for quick and easy servicing. The servicing channel has a connection for suction line connection.

A stand is also available for above ground applications.

Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Easily cleaned
- Durable
- Upgradable for future expansion

Applications
- Cafes
- Restaurants
- Bakeries
- Takeaways and any commercial premises that discharges oil and grease

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### Halgan Modular Grease Trap “R” Series - MGT “R”

The **Halgan** Modular Grease Trap ‘R’ Series is used in industrial and commercial applications. It includes our patented Surge Control Device for maximum efficiency.

The ‘R’ Series can be installed above or below ground, and is available in a range of sizes from 6000 litres to 22000 litres capacity.

#### Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Easily cleaned
- Durable
- Upgradable for future expansion

#### Applications
- Airports
- Food Processing
- Shopping Centres

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Halgan Ecotec S100 Grease Extractor

The Ecotec S100 Grease Extractor is the smallest, lightest and most compact trade waste unit on the market.

It is portable and installation costs are reduced by 70%.

Use of the S100 should be confirmed with the local Trade Waste Authority before purchase as it is not accepted in some areas.

Features

- UV stabilised polyethylene
- Easy to transport and install
- Will not crack, rust or corrode
- Freestanding
- Fits through a doorway
- 1 – 2 people can lift it
- Above or below ground with a variety of lids

Applications

- Portable buildings
- Restaurants
- Takeaways
- Schools
- Cafes

<table>
<thead>
<tr>
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Pre Treatment Devices
Why you need to pre-treat waste?

Pre-treatment of trade waste ensures discharged wastewater meets local Water Authority requirements, and prevents contaminants that can harm public health and the environment from entering our wastewater system. The purpose of pre-treatment is to protect raw water recovery and more generally remove anything that could hamper subsequent treatment processes. Depending on the quality of the water to be treated, several processes could be required, including:

- screening
- diluting
- silt removal
- treatment
- cooling
**Halgan Averaging Dilution Arrestor**

The **Halgan** Averaging Dilution Arrestor is used for treatment and separation of waste water where acids and/or alkaline are used.

They can be installed above or below ground. Please refer to the local water authority for sizing requirements.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Laboratories
- Schools
- Technical colleges

<table>
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<tr>
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**Halgan Averaging Dilution Arrestor S Series**

The Halgan Averaging Dilution Arrestor is used for the treatment and separation of wastewater where acids or alkaline are used.

The S Series Averaging Dilution Arrestor is ideal for underground applications but can also be used above ground.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Laboratories
- Schools
- Technical colleges

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<tr>
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**Halgan Lint Trap**

The **Halgan** Lint Trap is used for treatment of waste water from commercial discharges.

It is supplied with stainless steel perforated inlet strainer basket to trap lint. The unit can be installed above and below the ground.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant, manufactured from a chemical grade polyethylene that will not crack or corrode
- Durable

**Applications**
- Laundromats
- Hotels

For correct sizing refer to your local Trade Waste Authority.

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
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**Halgan Lint Trap S Series**

The Halgan Lint Trap is used for treatment of waste water from commercial discharges.

It is supplied with stainless steel perforated inlet strainer basket to trap lint. The unit can be installed above and below the ground.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant, manufactured from a chemical grade polyethylene that will not crack or corrode
- Durable

**Applications**
- Laundromats
- Hotels

For correct sizing refer to your local Trade Waste Authority.

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## Halgan Cooling Arrestor

The **Halgan** Cooling Arrestor is used to cool the liquid waste water and provide a discharge to the sewer of not more than 38°C. The inlet and outlet design provide mixing of the waste water, it can be installed above or below ground.

### Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

### Applications
- Commercial laundry
- Industrial laundry

In applications where large quantities of hot waste water is discharged, a cooling tower may need to be installed to lower the temperature.

<table>
<thead>
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</table>
**Halgan Cooling Arrestor S Series**

The Halgan Cooling Arrestor is used to cool the liquid waste water and provide a discharge to the sewer of not more than 38 °C. The inlet and outlet design provide mixing of the waste water.

The S Series Cooling Arrestor is best suited to in ground applications but can be used above ground on a stand.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Commercial laundry
- Industrial laundry

In applications where large quantities of hot waste water is discharged, a cooling tower may need to be installed to lower the temperature.

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<td>3200</td>
<td>1940</td>
<td>1625</td>
<td>394</td>
</tr>
</tbody>
</table>
Halgan Silt Arrestor

The Halgan Silt Arrestor Tank (Settling Tank) is used for treatment of waste water from commercial discharge and can be installed above and below ground.

The design is to slow the influent to allow contaminated water full of silt and other contaminates to settle before discharging into the sewer system.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Manufacturing
- Dog kennels
- Horse stables
- Storm water

Refer to your local Trade Waste Standards for correct sizing.

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
<th>Width (MM)</th>
<th>Weight (KG)</th>
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<tbody>
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<td>182</td>
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</table>
Halgan Silt Arrestor S Series

The Halgan Silt Arrestor Tank (Settling Tank) is used for treatment of waste water from commercial discharge and can be installed above and below ground.

The design is to slow the influent to allow contaminated water full of silt and other contaminates to settle before discharging into the sewer system.

Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

Applications
- Manufacturing
- Dog kennels
- Horse stables
- Storm water

Refer to your local Trade Waste Standards for correct sizing.

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
<th>Width (MM)</th>
<th>Weight (KG)</th>
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<tbody>
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<td>1625</td>
<td>434</td>
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</tbody>
</table>
**Halgan General Purpose Pit S Series**

The Halgan General Purpose Pit is designed to slow the influent and allow contaminated water full of silt, oil and other contaminations to settle before discharging to the sewer or stormwater system. It is available in a range of sizes from 1000 litre to 5000 litre and can be installed above and below ground.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Commercial premises
- Car wash bay
- Washdown areas
- Kennels
- Manufacturing

Refer to your local Trade Waste Standards for correct sizing.

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
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<td>3200</td>
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<td>434</td>
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</tbody>
</table>
**Halgan Hydrocarbon and Oil Interceptor**

The Halgan Hydrocarbon and Oil Interceptor is used for treatment of waste water from commercial dis-charges. It is designed to slow the influent to allow oil, grease and solvents to separate before discharging to the sewer system.

Units can be installed above and below the ground.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Car wash bay
- Mechanical workshops
- Garages
- Manufacturing

Refer to your local Trade Waste Standards for correct sizing.

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
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<th>Weight (KG)</th>
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<tr>
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</table>
**Halgan Hydrocarbon and Oil Interceptor S Series**

The **Halgan** Hydrocarbon and Oil Interceptor is used for treatment of waste water from commercial dis-charges. It is designed to slow the influent to allow oil, grease and solvents to separate before discharging to the sewer system.

Units can be installed above and below the ground.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Car wash bay
- Mechanical workshops
- Garages
- Manufacturing

Refer to your local Trade Waste Standards for correct sizing.

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</tbody>
</table>
Halgan Oil Water Separator

The Oil Water Separator removes free oil from wastewater, via coalescing plate separators. It is designed to receive and deal with residues of oily water produced as a result of washing down.

**Features**
- Pump
- Stand

**Applications**
- Degreasing bay
- Vehicle wash bay
- Service stations
- Panel beaters
- Fuel depots

Refer to your local Trade Waste Standards for correct sizing.

Waste oils should be captured and stored in a drum off-site and removed by a licensed transporter.

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
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</table>

Halgan Site Trap

The Halgan Site Trap treats contaminated stormwater to meet current EPA requirements, specifically in the construction industry, but can be used in any situation that requires the treatment of stormwater.

It is designed for sediment control on construction sites where stormwater or ground water is trapped. It is portable, lightweight and can easily be moved from site to site.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Construction sites
- Manufacturing
- Horse stables
- Dog kennels
- Storm water

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
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<tr>
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<td>3000</td>
<td>1525</td>
<td>720</td>
<td>140</td>
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</tbody>
</table>
Halgan Solids Pollution Trap

The Halgan Solids Pollution Trap captures pollution before it enters waterways or other stormwater treatment systems to comply with local water authority requirements. It is designed to capture coarse sediment, rubbish and other matter before it is carried into the stormwater.

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable

**Applications**
- Construction sites
- School
- Service stations
- Golf clubs
- Marinas
- Airports

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
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<td>3000</td>
<td>1525</td>
<td>720</td>
<td>182</td>
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</tbody>
</table>
**Halgan Plaster Trap**

The Plaster Trap is used to trap plaster and other fine material in the waste water prior to discharging to the sewer system.

The baffle arrangement is designed to maximise the trapping of particles and it is designed to fit under benches, reducing installation costs and providing easy access for servicing.

**Features**
- Manufactured from 316 grade stainless steel
- Easy to install
- Durable

**Applications**
- Dental surgeries
- Doctors surgeries
- Jewellers
- Technical colleges
- Schools
- Craft centres

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
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<tbody>
<tr>
<td>810501</td>
<td>Plaster Trap Stainless Steel 50 litres</td>
<td>363</td>
<td>401</td>
<td>363</td>
</tr>
</tbody>
</table>

**Halgan Clay Plaster Trap**

The *Halgan* Clay Plaster Trap is used to trap plaster and other fine material in the waste water prior to discharging to the sewer system.

The removable basket has an arrangement of weirs and deflectors to maximise the trapping of particles and it is designed to fit under benches, reducing installation costs and providing easy access for servicing.

**Features**
- Manufactured from 304 grade stainless steel with 1.6mm wall thickness
- Easy to install
- Fits under bench

**Applications**
- Technical colleges
- Schools
- Craft centres

<table>
<thead>
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<th>Description</th>
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<tr>
<td>820501</td>
<td>Clay Plaster Trap Stainless Steel 50 litres</td>
<td>595</td>
<td>422</td>
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</tbody>
</table>
**Halgan Packaged Pump Stations**

Packaged Pump Stations are used in a large range of applications where sewage or waste water needs pumping to/from mains connection or treatment systems. Both the size of the Pump Station and the Pump/or Pumps used, are specific to what they are pumping, and what application they are being used in. For assistance with this, please discuss with our highly trained sales and support staff.
**Halgan Ecotec Undersink Pump Station**

**Halgan** Ecotec Undersink Pump Unit is ideally used to pump waste water out of sinks. It is designed to fit under bench which reduces installation costs and ensures easy access for servicing.

**Features**
- Designed to fit under benches
- Polyethylene and stainless steel
- Acid resistant
- Durable

**Applications**
- Kitchen sinks
- Dishwashers
- Floor wastes
- Industrial sinks

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
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<th>Weight (KG)</th>
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<tr>
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</table>

**Halgan 130 Litre Pump Station**

**Features**
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation

**Applications**
- Trade waste drainage
- In conjunction with grease traps
- Caravan parks
- Sanitary drainage
- Construction sites
- Marina

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
<th>Width (MM)</th>
<th>Weight (KG)</th>
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</thead>
<tbody>
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<tr>
<td>610132</td>
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<td>610133</td>
<td>Pump Station Vessel 130 Litres Below Ground Class D Lid</td>
<td>470</td>
<td>650</td>
<td>470</td>
<td>62</td>
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</tbody>
</table>
Halgan 300 Litre Pump Station

Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation

Applications
- Trade waste drainage
- In conjunction with grease traps
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
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<th>Weight (KG)</th>
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<tbody>
<tr>
<td>610301</td>
<td>Pump Station Vessel 300 Litres Above Ground Class A Lid</td>
<td>560</td>
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<tr>
<td>610302</td>
<td>Pump Station Vessel 300 Litres Below Ground Class B Lid</td>
<td>560</td>
<td>900</td>
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</tbody>
</table>

Halgan 800 Litre Pump Station

Features
- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation

Applications
- Trade waste drainage
- In conjunction with grease traps
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
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<th>Weight (KG)</th>
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<tbody>
<tr>
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<td>Pump Station Vessel 800 Litres Above Ground Class A Lid</td>
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<td>1550</td>
<td>720</td>
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<tr>
<td>610802</td>
<td>Pump Station Vessel 800 Litres Below Ground Class B Lid</td>
<td>1120</td>
<td>1550</td>
<td>720</td>
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<tr>
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<td>Pump Station Vessel 800 Litres Below Ground Class D Lid</td>
<td>1120</td>
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</table>
**Halgan Pump Station**

**Features**
- Round
- Acid resistant
- Durable
- Above or below ground installation

**Applications**
- Caravan parks
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
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<td>1600</td>
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## Halgan Drainage Pumps

Halgan Drainage Pumps are used for drainage of liquids with small solids in suspension. These tough performers are built to the highest standard to guarantee a lasting investment.

### Features
- Automatic versions available in 240v & 415v
- Heavy-duty construction
- Triplex seal system
- Thermal motor protection

### Applications
- Basements
- Car parks

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Automatic Option</th>
<th>Outlet (MM)</th>
<th>Power (KW)</th>
<th>Amps (240 VOLT)</th>
<th>Amps (415 VOLT)</th>
<th>Speed (RPM)</th>
<th>Solids Passage (MM)</th>
<th>Weight (KG)</th>
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<tbody>
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<td>12</td>
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<td>4.38</td>
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<td>80</td>
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</tbody>
</table>
**Halgan Vortex Pump**

Halgan Vortex Pumps are the ideal solution for pumping liquids with soft or fibrous solids in suspension. From residential dwellings to demanding industrial processes, Halgan Vortex Pumps perform quietly and solidly every day.

**Features**
- Automatic versions available in 240v & 415v
- Non-clog impeller
- Heavy-duty construction
- Triplex seal system
- Thermal motor protection

**Applications**
- Basements
- Residential
- Kitchens
- Pump Units

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Automatic Option</th>
<th>Outlet (MM)</th>
<th>Power (KW)</th>
<th>Amps (240 VOLT)</th>
<th>Amps (415 VOLT)</th>
<th>Speed (RPM)</th>
<th>Solids Passage (MM)</th>
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<tbody>
<tr>
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<td>0.4</td>
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<td>-</td>
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<td>12</td>
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<td>HV075</td>
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<td>0.75</td>
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<td>1.9</td>
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<td>-</td>
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</tbody>
</table>
Halgan Sewage Cutter Pump

Sewage Cutter Pumps provide powerful and effective sewage disposal, for sewage and wastewater installations containing soft or fibrous solids that require shredding to prevent clogging in discharge pipework.

The tungsten carbide cutting blade maintains optimum cutting efficiency, and are proven performers.

**Features**
- Automatic versions available in 240v & 415v
- Non-clog cutting impeller
- Heavy-duty construction
- Triplex seal system
- Thermal motor protection

**Applications**
- Sewer pump stations

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Automatic Option</th>
<th>Outlet (MM)</th>
<th>Power (KW)</th>
<th>Amps (240 VOLT)</th>
<th>Amps (415 VOLT)</th>
<th>Speed (RPM)</th>
<th>Solids Passage (MM)</th>
<th>Weight (KG)</th>
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<tbody>
<tr>
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</tbody>
</table>

Halgan Sewage Grinder Pumps

Halgan Sewage Grinder Pumps are used in drainage applications of municipal, commercial and domestic sewage.

The efficient grinder mechanism provides an extremely powerful slicing action – the radial cutter and cutter ring dramatically reduces torque and kilowatt (horsepower) requirements, making it the most effective grinder pump available.

**Features**
- Automatic versions available in 240v & 415v
- Extremely reliable
- Triplex seal system
- Heavy-duty construction
- Hardened stainless radial cutter and cutter ring design maximises cutting ability and increases life
- Thermal motor protection

**Applications**
- Sewer pump stations

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Automatic Option</th>
<th>Outlet (MM)</th>
<th>Power (KW)</th>
<th>Amps (240 VOLT)</th>
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<th>Speed (RPM)</th>
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</table>
**Halgan Rainwater Storage Tanks**

Rainwater tanks are a source of domestic water supply and can significantly reduce demand on drinking water supplies, as tank water can be used to flush toilets, wash clothes, water the garden and wash the car.

Rainwater tanks collect stormwater run-off from impervious surfaces such as roofs. They’re fitted with an overflow mechanism, meaning once a tank is full, the overflow is redirected into the stormwater drainage system.

Whether it’s to water your garden, wash your car or do your laundry, capturing rainwater minimises your impact on our water resources.
**Aqua 204 HDPE**

The Aqua 204 is a double walled HDPE unit which is robust, lightweight and can hold up to 30,500 litres of water.

**Features**
- Food-safe material
- Groundwater-stable up to body centre
- Easy to clean
- Easy to handle

**Applications**
- Housing estates
- Commercial developments
- Residential sites

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
<th>Length (MM)</th>
<th>Height (MM)</th>
<th>Width (MM)</th>
<th>Weight (KG)</th>
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<tbody>
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**Halgan Inground S Series Rainwater Tank**

*Halgan* Inground S Series Rainwater tank systems are the ultimate rainwater harvesting tool. Connect to toilets, washing machines and automatic sprinkler systems for a plentiful supply of water, or install with Granny Flats to comply with local planning authorities.

**Features**
- Lightweight, easy to carry
- Easy to install
- Made from high quality, non-toxic food grade polyethylene
- Will not rust, crack or corrode

**Applications**
- Residential homes
- Granny Flats
- Holiday houses

<table>
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Stormwater Pollution Control

Stormwater pollution comes from many sources including litter, sediments, oil and grease, organic matter, residual pesticides and fertilisers which all add up to a negative impact on the environment.

According to the principles of best practice management, urban stormwater should be managed at the source of the pollutants to minimise impacts on waterway health, minimise stormwater flooding and provide an alternate water source. We have an extensive range to treat a range of stormwater pollution.
**Halgan Pure - Gross Pollutant Trap**

The HalganPure Gross Pollutant Trap is lightweight, portable and highly durable.

The HalganPure is designed to remove water borne pollutants from Stormwater. A high flow bypass system. This diverts flows higher than the maximum design treatment flow for the GPT over or around a diversion weir. The high flow bypass prevents flooding of the surrounding areas being caused by the trap and excessive scour of the collected pollutants.

**Features**
- Manufactured for UV stabilised polyethylene
- Chemical resistant
- Impact resistant
- Will not crack or corrode

**Applications**
- Residential Estates
- Main stormwater drainage systems
- Commercial and industrial developments
- Stormwater harvesting projects

<table>
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**Halgan Stormwater Pit**

The Halgan Stormwater Pit is suitable for construction sites and anywhere that water needs to be drained.

The Halgan Stormwater Pit is lightweight and durable. They can be moved from site to site, and are easily transportable.

**Features**
- Manufactured for UV stabilised polyethylene
- Lightweight and portable
- Chemical resistant
- Impact resistant
- Will not crack or corrode

**Applications**
- Construction sites
- Car parks
- Petrol stations
- Parks

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### Halgan Kidsafe Grates & Pits

**Halgens** Kidsafe Grates and pits are ideal for areas where stormwater pits and gully traps are needed. The heel proof lid is for added safety ensuring bike tyres, keys and high heels don’t get caught.

They are also available with grates and covers rated accordingly.

The pits have bottom discharge which allows water flow and avoids stagnation.

#### Features
- Lightweight
- Easy to install
- Raised non-slip walking surface
- Suitable for pedestrian, cycling & trafficable areas
- Durable antishock PVC
- Self-extinguishing characteristics
- Lockable

#### Applications
- Garages
- Basements
- Roads
- Pools
- Driveways

<table>
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**Halgan Reflux Valves**

Reflux valves are designed to prevent the water and sewerage from flowing back in property drains when the sewer main or on-site treatment plant becomes inundated during a flood event. There are numerous models and application in Halgan’s range, including single flap or twin flap valves, and are either mechanical or automatic models.
**Halgan Reflux Valve with Single Flap**

Stormwater and surging sewers can be very expensive but prevention is cheap, the Halgan Reflux Valve is equipped with a hanging, lockable, flap valve. The flap valve ensures that the rainwater or sewage flows freely through the valve while simultaneously preventing any surges into the building.

Ensures that all areas with openings are always protected from flooding, and from rodents.

**Features**
- Designed to stop stormwater and sewage surges
- Protects underground rainwater storage tanks
- From contamination from surging stormwater
- Stop rodents entering

**Applications**
- Rainwater tanks
- Basements
- Flood prone areas

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<tr>
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**Halgan Staufix SWA**

The Halgan Twin flap backwater valve Staufix SWA for wastewater can be installed in a slab or floor, or an exposed waste water pipe.

**Features**
- Two Self closing flaps
- Variable upper section, rotatable, tiltable and height adjustable

**Applications**
- Showers
- Washing machines
- Toilets
- Sinks

<table>
<thead>
<tr>
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<th>Description</th>
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**Halgan Pumpfix F Komfort**

The **Halgan** backwater pumping station Pumpfix F Komfort pumps against backwater and discharges surface water. It protects draining elements which are below the backwater level.

The wastewater is discharged continually and without the use of energy to the sewer through gravity.

In the event of backwater, reliable draining still takes place since the pump activates and pumps the building’s wastewater into the surcharged sewer. The sealing gasket set Art. # 83 023 makes installation in waterproof concrete possible.

**Features**
- Plug & play comfort control unit with self-diagnosis system SDS for maximum safety
- Integrated drain function to drain surface water
- Variable upper section, rotatable, tiltable and height adjustable
- Installation in waterproof concrete
- Installation body with 9 mm gradient ideal for renovation work

**Applications**
- Showers
- Washing machines
- Toilets
- Sinks

<table>
<thead>
<tr>
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<th>Description</th>
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Halgan Ecolift Backwater Lifting Station

The Halgan Ecolift backwater lifting station is the only lifting station that makes use of the gradient to the sewer. This means that the pump is only in use in the event of backwater or basement flooding (integrated drain system). This saves costs and wear and tear of the pump.

In the normal state, Ecolift provides a clear pipe cross-section and only locks in the event of backwater.

**Features**
- Plug & play comfort control unit with self-diagnosis system SDS for maximum safety
- New Comfort version with digital display shows operating status, servicing instructions and connection option for BMS
- Integrated drain function for surface water.
- Continual drainage even in the event of incoming flood water or a pipe burst.
- Variable upper section rotatable, tiltable and height adjustable
- Installation in waterproof concrete
- Covers can be individually tiled.
- No open pump sump or maintenance space required

**Applications**
- Showers
- Washing machines
- Toilets

<table>
<thead>
<tr>
<th>Code #</th>
<th>Description</th>
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**Halgan Ecolift XL**

The Ecolift XL Hybrid Lifting Station with built in reflux valve is used for gravity wastewater flow to the sewer during normal operation, and in heavy rain prevents water forcing its way back into the building’s sewer. In rainwater application, water from the roof is collected in the Ecolift XL and pumped by one or two pumps into the surcharged stormwater system.

The Reflux Valve flap closure system automatically activates only during surge charging and the pumping system then pumps any collected wastewater into the surcharged sewer. This allows drainage fixtures connected to the system to be used even during times of surging sewers.

**Features**
- Flap closure activates automatically during backwater
- Uses natural gravity wastewater flow to the sewer during normal operation
- Reduced maintenance and energy outputs
- Modular
- Groundwater resistant
- Can be connected through individual or several buildings
- Honeycomb chamber design for added strength

**Applications**
- Showers
- Washing machines
- Toilets
- Stormwater
- Rainwater

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Halgan Surge Control Device

Halgan’s range of SCD’s are standard in all our grease traps, but can also be retrofitted into existing, underperforming, non-Halgan grease traps. They are also available in a range of size to be used in Septic tanks.
**Halgan Surge Control Device Retrofitted**

The Halgan Surge Control Device (SCD) is designed to be retrofitted into existing greasetraps to enhance their performance. The SCD will increase the performance of the pre-treatment vessel by up to 95%.

Confirm sizing with the local authority trade waste department or Halgan Pty Ltd

**Features**
- Continually self cleaning
- Fixed and cannot be removed

**Applications**
- Underperforming grease traps

<table>
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**Halgan Surge Control Device Septic Filters**

The most common reason septic absorption trenches fail is the excessive solids leaving the septic tank. The solids clog the soil surface and prevent proper water absorption. The Halgan Surge control Device (Halgan SCD) unit acts as a media for Bio Mat to develop on the plates. This, in conjunction with the retention of nutrients in the holding tank and the reduction of suspended matter leaving the tank, achieve a reduction of BOD by up to 50% and suspended by up to 90%.

The Halgan SCD is located inside the septic tank at the outlet side approximately 1/2 to 2/3 from the centre of the Halgan SCD to the bottom of the septic tank.

**Features**
- Dam plates manufactured from injected moulded PVC
- Assembly rods and nuts are 304 grade stainless steel

**Applications**
- Residential septic systems
- Aerated treatment systems

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### Halgan Tap Bollard

Halgan’s Tap bollards come with a single tap, double tap bollard or bubbler combination. The one piece design ensures they are safe, durable, low maintenance and long lasting.

**Features**
- Highly visible
- Made from UV stabilised recyclable polyethylene
- Easy installation
- In-built lug for concreting or bolting

**Applications**
- Dark green for rainwater
- Yellow for high visibility
- Purple for recycled water
- White for parks/councils
- Glow in the dark for public areas
- Custom colours available on request

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CUSTOM SOLUTIONS

Halgan provides custom designed solutions to meet specific project requirements. Using our extensive experience, skill and knowledge base we can manufacture special solutions according to your projects precise requirements.

Our aim is to deliver the most cost effective solution for your project whilst still ensuring reliability and robustness in performance.

Contact our friendly team on 1800 626 753 or email sales@halgan.com.au to arrange an onsite meeting or discuss your project needs.

CUSTOM SOLUTIONS

- Detail Design & Quotation
- System Construction
- System Commissioning
- System Handover
Terms and Conditions

1. DEFINITIONS AND INTERPRETATION

1.1 In this Contract:
(a) Company means Halgan Pty Ltd;
(b) Contract means the agreement recorded by this document including any schedule to it;
(c) Force Majeure Event includes:
(i) any natural disaster, lightning, earthquake or other act of God;
(ii) war, terrorist act, riot, insurrection or civil commotion;
(iii) fire or explosion; or
(iv) industrial or other action beyond the control of the Company;
(d) Goods means the goods or rendering of a service the subject of the Contract;
(e) GST means goods and services tax;
(f) Insolvency Event means, for a person, being in liquidation or provisional liquidation or under administration, having a controller (as defined in the Corporations Act 2001 (Cth)) or analogous person appointed to it or any of its property, being taken under section 459F(1) of the Corporations Act 2001 (Cth) to have failed to comply with a statutory demand, being unable to pay its debts as and when they fall due or otherwise insolvent, the taking of any step that could result in the person becoming an insolvent under administration (as defined in section 9 of the Corporations Act 2001 (Cth)), entering into a compromise or arrangement with, or assignment for the benefit of, any of its creditors, or any analogous event. However, a compromise or arrangement is not an Insolvency Event if it does not prejudice the interests of any creditors.
(g) Notice means a notice in accordance with clause 22;
(h) Order means the Purchaser’s offer to the Company to purchase the Goods;
(i) Price has the meaning stated in clause 4;
(j) Trade Practices Act means the Trade Practices Act 1974 (Cth) and any similar legislation;
(k) Purchaser means any purchaser of Goods from the Company; and
(l) Warranty has the meaning stated in clause 9.

1.2 Headings are for convenience only and do not affect interpretation.
1.3 A reference to a "person" includes a natural person, corporation, trust, partnership, unincorporated body or other entity, whether or not it comprises a separate legal entity.
1.4 A reference to legislation (including subordinate legislation) is to that legislation as amended, re-enacted or replaced, and includes any subordinate legislation issued under it.
1.5 Each indemnity provided by the Purchaser in this Contract is a separate and continuing indemnity which survives the termination of this Contract and the delivery and supply of the Goods.
1.6 If the Purchaser is made up of more than one person:
(a) an obligation of those persons is joint and several;
(b) a right of those persons is held by each of them severally; and
(c) any reference to the Purchaser is a reference to each of those persons separately, and any warranty, covenant or indemnity is given by each of them separately.
1.7 Any modifications to this Contract made without the written consent of the Company are void.

2. ORDER, ACCEPTANCE AND APPLICATION

2.1 If the Purchaser places an Order, accepts delivery of the Goods, makes any payment in respect of the Goods or performs any obligation under this Contract, the Purchaser shall be taken to have agreed to and accepted the terms of this Contract.
2.2 The Order is accepted by the Company on the basis that this Contract constitutes the entire agreement between the Purchaser and the Company for the sale, purchase, delivery and supply of the Goods.
2.3 This Contract constitutes the entire agreement between the Purchaser and the Company and supersedes and will prevail over all prior discussions, representations, agreements and arrangements in relation to the sale, purchase, delivery and supply of the Goods.
2.4 To the extent permitted by law any prior representations, agreements and arrangements, including representations as to the suitability of the Goods, and any descriptions, illustrations and material contained in any advertisement, catalogue and price list or brochure are excluded from, and do not form part of, this Contract unless specifically stated in this Contract to the contrary.
2.5 All specifications, drawings, and particulars of weight and dimensions of the Goods are approximate only. Unless the accuracy of such specifications, drawings, and particulars of weight and dimensions of the Goods has been confirmed by the Company to the Purchaser in writing in respect of a particular Order, the Purchaser cannot claim against the Company for any deviation in such specifications, drawings, or particulars of weight or dimensions.

3. PERFORMANCE

3.1 Any performance figures in relation to the Goods given to the Purchaser by the Company are estimates only. The Company is not liable to the Purchaser or any other person for any loss or damage, including any consequential loss or damage (including for example, loss of profits or of business opportunity), in connection with a failure of any Goods to attain such figures, unless the Company gives a written guarantee in relation to such figures.
3.2 The Purchaser may inspect and test the Goods at the premises of the Company or at other premises with the prior written approval of the Company to verify any of the estimated performance figures. The Purchaser must bear the costs of the inspection and any tests except to the extent that inspection or testing is expressly included in the Price.
3.3 No performance figures other than performance figures obtained under such inspection and/or testing may be used by the Purchaser to support any claim by the Purchaser.

4. QUOTATIONS AND PRICE

4.1 Any quotation in relation to the Goods issued by the Company is an estimate of the costs of the Goods only and does not constitute an offer by the Company unless stated to be an offer by the Company in writing. Any quotation may be withdrawn or altered by the Company without notice.
4.2 If the Company does not withdraw a quotation, then it is valid for the period stated on the quotation. If no period is stated on the quotation, then it is valid for
a period of 30 days from the date of the quotation.

4.3 The Price of the Goods:
(a) is the amount, confirmed by the Company, that the Purchaser is required to pay to the Company to purchase the Goods;
(b) excludes the cost of carriage;
(c) includes the cost of packaging;
(d) is GST exclusive.

4.4 The Price of the Goods:
(a) is subject to reasonable adjustment by the Company to take into account any alteration in costs associated with the delivery of the Goods or (in the case of delivery by instalments) prior to the final delivery of the Goods;
(b) can be increased by the Company without notice to the Purchaser if any government authority imposes any further duty, tax or fee in respect of the Goods or this Contract; and
(c) the Purchaser agrees to pay to the Company any reasonable adjustment to the Price of the Goods the subject of clauses 4.4(a) or 4.4(b).

4.5 Any Price concession or discount the Company provides to the Purchaser is conditional on the Purchaser’s full compliance with this Contract.

5. PAYMENT
5.1 The Purchaser agrees to accept and pay for the Goods in accordance with this Contract.

5.2 Payment of any invoice issued by the Company must be made in full by the end of the month following the month in which an invoice is dated (the Due Date).

5.3 Payment in full on or before the Due Date is a condition precedent to future deliveries and services under this Contract or any other contract between the Purchaser and the Company.

5.4 Without prejudice to any other right or remedy the Company may have, it may charge the Purchaser on any overdue amounts payable by the Purchaser to the Company, interest at a rate of 5% per annum calculated daily above the Cash Rate Target specified by the Reserve Bank of Australia.

5.5 The Purchaser indemnifies the Company for any expenses incurred by the Company in enforcing the Company’s rights against the Purchaser under this Contract and will reimburse the Company as a debt due and payable for such expenses when requested to do so by the Company.

5.6 If the Purchaser becomes, or is in danger of becoming the subject of an Insolvency Event, the Company may:
(a) repossess any Goods in the Purchaser’s possession, custody or control wherever located for which full payment has not been made; and
(b) offset any payments owed by the Purchaser to the Company against any moneys owed by the Company to the Purchaser.

5.7 The Purchaser must not withhold payment of any invoice by reasons of set off, counter claim or otherwise.

5.8 Time of payment is of the essence of the Contract.

6. DELIVERY
6.1 Delivery is taken to occur when
(a) the Company notifies the Purchaser that the Goods are available for collection at the premises of the Company; or
(b) the Company dispatches the Goods at the direction of the Purchaser, whichever is the earliest.

6.2 The Purchaser must provide the Company with adequate delivery instructions for the Goods no later than 7 days after the Company informs the Purchaser that the Goods are ready for collection. The Company may change the Purchaser a reasonable storage and/or administration fee in relation to Goods held by the Company for more than 14 days. The Purchaser must pay the charges under this clause specified by the Company when asked to do so as a debt due and payable. Any Goods stored by the Company on behalf of the Purchaser are at the Purchaser’s risk.

6.3 The Company must use its best endeavours to deliver the Goods within the time agreed with the Purchaser or if no such time is agreed, then at the Company’s reasonable discretion.

6.4 The delivery time is an estimate only and the Company shall not be responsible for any loss or damage suffered as a result of the failure to meet any delivery date, whether agreed to by the parties to this Contract or otherwise. The Purchaser shall not be relieved of performance because of the Company’s failure to meet any estimated delivery dates.

6.5 If by any reason of any event beyond the reasonable control of the Company, including any Force Majeure Event, the delivery of Goods becomes impracticable or impossible in the Company’s opinion, the Company may terminate this Contract by Notice to the Purchaser. In these circumstances, the Purchaser must pay to the Company any unpaid amounts in relation to such Goods (including any variation thereof) that were actually delivered.

6.6 All export orders are delivered, EX Works, which expression has the meaning assigned to it by the current version of Incoterms.

6.7 If the Contract provides for the Goods to be specified by the Purchaser by schedule from time to time, any schedule is subject to acceptance by the Company.

6.8 Where a schedule is accepted by the Company under clause 6.7, any requirements stated in the schedule to be “firm” are deemed to form part of this Contract and may only be cancelled upon written approval of the Company.

7. COST OF CARRIAGE AND PACKING
7.1 The Price does not include the cost of carriages from the premises of the Company to the Purchaser unless otherwise agreed in writing between the Purchaser and the Company.

7.2 The Purchaser may nominate, arrange or retain the carrier to effect delivery of the Goods from the Company to the Purchaser. Where the Purchaser does not nominate or state that it will arrange or retain the carrier in its delivery instructions, the Company may nominate, arrange or retain the carrier.

7.3 The Purchaser must bear all carriage costs.

7.4 The Price includes standard packing unless otherwise agreed in writing between the Purchaser and the Company.

8. TITLE AND RISK
8.1 Title in the Goods passes to the Purchaser on payment by the Purchaser of the Price in full. Where the Purchaser has not paid the Company the Price in full, the Purchaser agrees to hold the Goods as a fiduciary for the Company.

8.2 Notwithstanding clause 8.1 above, risk in the Goods passes to the Purchaser from the first occurrence of:
(a) the passing of title in the Goods to the Purchaser;
(b) the physical delivery of the Goods to the Purchaser;
(c) the time when the Goods have been dispatched from the premises of the Company or placed on a carrier which is to effect delivery of the Goods from the Company to the Purchaser, where the carrier has been nominated, arranged or retained by the Purchaser; or
(d) the time when the Goods arrive at the premises of the Purchaser (prior to being taken off the carrier) where the carrier which is to effect delivery of the Goods from the Company to the Purchaser has been nominated, arranged or retained by the Company; or
(e) if Goods are stored by the Company in excess of 14 days on behalf of the Purchaser in accordance with Clause 6.2.
8.3 The Company is not liable for any loss or damage or deterioration of the Goods after risk in the Goods has passed to the Purchaser.
8.4 In addition to any other rights the Company may have against the Purchaser, the Company may repossess the Goods if any amount due in respect of the Goods is outstanding or if the Company reasonably believes that any such amount will not be paid in full when it falls due for payment. The Purchaser grants the Company an irrevocable licence to enter upon any premises of the Purchaser for the purpose of taking possession of the Goods in accordance with this clause.
8.5 The Purchaser may, sell and deliver the Goods as the Company’s fiduciary to a third party in the ordinary course of the Purchaser’s business provided that:
(a) where the Purchaser is paid by the third party for the Goods, the Purchaser shall account to the Company in respect of the payment in accordance with the Purchaser’s fiduciary obligations; and
(b) where the Purchaser is not paid by the third party the Purchaser agrees to assign to the Company its claim against the third party upon receiving the Company’s written request to that effect.
9. WARRANTY
9.1 The Company gives the warranty contained in Schedule 1 in respect of the Goods. (the Warranty).
9.2 Subject to clause 10:
(a) the Warranty is given in addition to all statutory rights conferred on the Purchaser.
(b) the Company does not make any promise, for example, that any part or repair facility in respect of the Goods will be available at any time or at any specified location, other than as expressly provided for in the Warranty.
9.3 The Company will use its reasonable endeavours to make available to the Purchaser the benefit of any guarantee or warranty given by the manufacturer to the Company in respect of any Goods not manufactured by the Company.
10. LIMITATION OF LIABILITY
10.1 To the fullest extent permitted by law, and subject to clause 9:
(a) the Company is not liable for any loss or damage, however caused (including, but not limited to, by the negligence of the Company), suffered by the Purchaser or any other person in connection with:
(i) this Contract;
(ii) the Goods;
(iii) any misrepresentation by the Company, its directors, officers, employees, agents and/or subcontractors; or
(iv) any statement by a third party accepted in good faith by the Company and repeated by it, in connection with the Goods; and
(b) all express and implied terms, conditions, representations and warranties relating to the Goods (including without limitation all conditions or warranties as to the Goods’ compliance with any laws, quality, description, condition, safety, performance or fitness for purpose of any of the Goods) are excluded.
10.2 The Company shall not be liable to the Purchaser or to any other person for any loss of profit or other economic loss, indirect, special, consequential, general or any other similar loss or damage howsoever arising.
10.3 Nothing in this Contract is intended to exclude, restrict or modify any rights which the Purchaser may have under the Trade Practices Act or any other legislation which cannot be excluded, restricted or modified by agreement.
11. WARRANTY, COVENANT AND INDEMNITY BY THE PURCHASER
11.1 The Purchaser warrants the accuracy of any specification or information provided by the Purchaser.
11.2 The Purchaser covenants not to make any claim or commence any proceedings against any employee, director, agent or subcontractor of the Company in connection with this Contract including in connection with any misrepresentation by, or negligence of, them or the Company.
11.3 The Purchaser must indemnify the Company and any of its employees, directors, agents or subcontractors and hold them harmless in respect of a breach of clause 11.1 or clause 11.2.
11.4 If the Purchaser fails to accept or to pay for the Goods in accordance with this Contract, then the Purchaser must (without prejudice to any other rights of the Company) indemnify the Company and hold it harmless in respect of any loss, damage, claim, cost of labour or other overhead or expense that is attributable to such failure.
11.5 The benefit of this clause 11 is held on trust by the Company for the benefit of its employees, directors, agents and subcontractors and can be enforced by the Company on their behalf.
12. SUSPENSION AND TERMINATION
12.1 If the Purchaser:
(a) defaults in any of its obligations under this Contract;
(b) suspends or ceases to carry on business; or
(c) is the subject of an Insolvency Event; then the Company may immediately upon notifying the Purchaser, do one or more of the following:
(d) terminate this Contract or any other contract between the parties to this Contract;
(e) suspend the performance of any or all of its obligations under this Contract until the end of the period in which the Purchaser has suspended or ceased to carry on business;
(f) demand immediate payment for any Goods:
(i) already delivered or provided by the Company to the Purchaser for which payment in accordance with this Contract has not been received by the Company; or
(ii) ordered by the Purchaser but not yet delivered or provided by or on behalf of the Company/ other than that contained in the Warranty.
12.2 The rights of the Company provided for in clause 12.1 shall be without prejudice to any other rights the Company may have against the Purchaser.
13. RETURN OF GOODS
13.1 Subject to clause 9, the Purchaser must not return the Goods to the Company for any reason except upon the written consent of the Company obtained in advance of such return. Any consent given under this clause may specify the terms and conditions and charges upon which any such return may be made.
13.2 If any of the Goods are returned by the Purchaser to the Company, then the Company shall determine whether the Purchaser has any rights against the Company in relation to those Goods under the Warranty. If the Company determines that the Purchaser has no such rights, then the Purchaser must:
(a) reimburse the Company for all related shipping and other costs incurred by the Company; and
(b) pay to the Company an amount equal to the Company’s standard service charge in effect at the time.

14. LAWFUL USE OF GOODS
14.1 The Purchaser must:
(a) acquaint itself with requirements of all relevant Government and statutory or other authority (including, but not limited to, a manufacturer’s technical, copyright and operational requirements) in relation to the Goods and to the application(s) to which the Goods are put;
(b) comply with such requirements at all times while the Goods are in its possession or under its control;
(c) ensure that any purchaser of the Goods from the Purchaser acquaints itself with and complies with such requirements.
14.2 The Purchaser must:
(a) comply with any instructions by the Company relating to the Goods; and
(b) indemnify the Company in respect of any breach of this clause 14.

15. INTELLECTUAL PROPERTY RIGHTS
15.1 No rights or licence is granted to the Purchaser under any patent copyright, registered design or other intellectual or industrial property right or interest other than the right to install, operate or rework the Goods.
15.2 Copies of documents in relation to the Company or the Goods such as drawings, plans and specifications the Company submits to the Purchaser, remain the property of the Company. The Purchaser must treat the information contained in those documents as strictly confidential. The Purchaser must use the information contained in those documents only to install or operate the Goods. The Purchaser must not use this information in any other way to the advantage of the Purchaser or the detriment of the Company.
15.3 By purchasing the Goods, the Purchaser does not gain any licence or right under any of the Company’s intellectual or industrial property such as a patent, registered design, trademark or copyright or confidential information.

16. GOODS MADE TO THE PURCHASER’S SPECIFICATION
16.1 If the Goods are manufactured to the design or specification of the Purchaser, the Purchaser warrants that the design, specification and Goods do not infringe any intellectual property right of a third party (such as patent, copyright, trademark or registered design) or other like protection of any other person and comply with any applicable statute, statutory instrument or regulation.
16.2 The Purchaser must indemnify the Company and hold it harmless in respect of any breach of clause 16.1

17. ASSIGNMENT AND SUBCONTRACTING
17.1 The Company may assign, sub-contract or sub-let this Contract or the production, manufacture or supply of the whole or any part of the Goods without seeking the consent of the Purchaser.

18. WAIVER
18.1 Any waiver by the Company must be in writing signed by the Company.
18.2 Failure by the Company to enforce any right or remedy is not a waiver of any right or remedy, or a waiver in respect of continuing breach.

19. SEVERABILITY
19.1 If any provision of this Contract is invalid or unenforceable in any jurisdiction, it is, if and to the extent possible, to be read down so as to be valid and enforceable. The read down provision will only apply in the relevant jurisdiction. If the provision cannot be read down, and it can be severed to the extent of the invalidity or unenforceability, it is to be severed. The rest of the provisions, and the validity or enforceability of the affected provision in any other jurisdiction, will not be affected.

20. GOVERNING LAW AND JURISDICTION
20.1 This Contract is governed by the laws of the State of New South Wales and any dispute between the parties to this Contract in connection with the Contract is to be resolved in accordance with the laws of the State of New South Wales.
20.2 The parties to this Contract irrevocably submit to the jurisdiction of the courts of New South Wales in respect of all claims, proceedings and matters arising out of or in connection with the Goods and this Contract.
20.3 So far as it is consistent with this Contract, the Convention on Contracts for the international sale of Goods 1980 (sometimes known as the Vienna Convention) applies to any export order.

21. VARIATION
21.1 Any variation of this Contract must be in writing and signed by a Director of the Company or the Company Secretary and refer expressly to the provisions being amended.

22. NOTICE
22.1 Any Notice must be in writing and delivered by hand or sent by post, email or facsimile as follows:
(a) if the Company: The registered office of the Company, as per the Corporations Act 2001 (Cth);
(b) if the Purchaser: As per the Order details.
22.2 A Notice is regarded as given by the sender and received by the addressee:
(a) if the Notice is delivered by hand, when delivered to the addressee;
(b) if the Notice is sent by post, on the 2nd business day following the date of postage or when delivered to the addressee, whichever occurs first;
(c) if sent by facsimile, when the transmission is successfully completed (as reported by the sender’s machine), unless the addressee informs the sender that the transmission is illegible or incomplete by telephone or Notice within 2 hours of the transmission being received; and
(d) if sent by electronic mail, when the addressee opens the message (as reported by the sender’s machine), unless the addressee informs the sender that the transmission is illegible or incomplete or corrupted by telephone or Notice within 2 hours of the transmission being received.
22.3 A Notice delivered or received:
(a) on a day which is not a business day or after 4.00 pm (recipient’s time) is regarded as received at 9.00 am on the following business day; and
(b) before 9.00 am (recipient’s time) on a business day it is regarded as received at 9.00 am that day.

23. PRIVACY
23.1 The Company may use and disclose to third parties personal information held by the Company, including information relating to the Purchaser’s commercial dealings and transactions with the Company for reasons including:
(a) arranging for the delivery of the Goods;
(b) facilitate the Company’s internal business operations, including fulfilment of any legal requirements;
(c) credit reference checking and verification of the Purchaser’s financing arrangements;
(d) arranging or facilitating any Warranty repairs or services; and
(e) providing the Purchaser with information and promotional material about other products and services that may be of benefit to the Purchaser.

23.2 The Purchaser can request access at any time to personal information held by the Company, and the Company will process the request within a reasonable time. The Purchaser may ask the Company at any time to correct personal information held by the Company which the Purchaser believes is incorrect. Access and correction requests will be granted in accordance with the Privacy Act 1988 (Cth).

SCHEDULE 1

WARRANTY (Clause 9 – Warranty)

1. DEFINITIONS IN THIS SCHEDULE 1
Warranty Period means the period of six months from the date of deliver of the Goods to the Purchaser.

SERVICE AND REPAIR
2.1 Subject to clauses 3 and 4 of this Warranty, and in the absence of a third party manufacturer warranty, the Company agrees, in relation to any faulty workmanship or material defect in the Goods that are purchased by the Purchaser and reported by the Purchaser to the Company during the Warranty Period, to any one or more of any the following:
(a) in the case of goods:
(i) to replace the goods or the supply of equivalent goods;
(ii) to repair of the goods;
(iii) to pay the cost of replacing the goods or of acquiring equivalent goods; or
(iv) to pay the cost of having the goods repaired; and
(b) in the case of services:
(i) to supply the services again; or
(ii) to pay the cost of having the services supplied again.

2.2 To avoid doubt, the Company has sole discretion as to any one or more of the alternatives specified in clauses 2.1(a) or 2.1(b).

2.3 This Warranty does not cover anything which is not expressly included in the Warranty.

3. EXCLUSIONS
3.1 To the extent permissible by law, the Warranty does not cover:
(a) anything caused or contributed to by:
(i) Normal Wear and Tear and the gradual reduction in operating performance of the Goods;
(ii) the Company being the subject of a Force Majeure Event;
(iii) an accident, abuse, neglect of a person other than of the Company;
(iv) vandalism, power outages, surges, inadequate or improper voltage or current or use and instalment of Goods contrary to any instruction;
(v) repair or modification of the Goods carried out:
(A) without the proper written consent of the Company; or
(B) by a person other than the Company or its agent;
(vi) costs of removal, reinstallation, recommissioning or shipping of the Goods
(vii) damage occurring during transportation, freight, installation of the Goods or while moving the Goods;
(viii) any criminal, deliberate, wilful, dishonest or fraudulent act, error or omission of the Purchaser;
(ix) any breach by the Purchaser of law or regulatory requirement;
(x) any defect or faulty workmanship in relation to the Goods:
(A) not notified to the Company within the Warranty Period; or
(B) where the Purchaser continues to use the Goods after the Purchaser knew or discovered or ought reasonably to have known or discovered the defect or faulty workmanship.
DESIGN MANUFACTURE SERVICE
SUSTAINABLE ENVIRONMENTAL TREATMENT SOLUTIONS

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