RISK ASSESSMENT

SET-4.2 Silt Tank

The GO Industrial SET-4.2 Silt Tank is a high-capacity, container-optimised filtration unit designed for heavy-duty dewatering and sediment control on Australian construction, mining, and infrastructure sites.

It is specifically engineered to assist contractors in complying with local Environmental Protection Authority (EPA) regulations and site-specific Construction Environmental Management Plans (CEMP) by effectively separating suspended solids prior to discharge.



A: Unit 2 11 to 15 Baylink Avenue,
Deception Bay, QLD, 4508
P: 07 3204 2240
E: sales@goind.com.au
W: www.goind.com.au

Document Details

Equipment: GO Industrial SET-4.2 Silt Tank

Purpose: High-capacity dewatering and sediment control on construction, mining, and infrastructure sites.

Reference: GO SILT TANK Operators Manual SET-4.2

1. Mandatory Personal Protective Equipment (PPE)

Operators must wear AS/NZS compliant PPE prior to operating or maintaining the tank:

- Steel-capped boots
- High-visibility clothing
- Gloves
- Safety glasses

2. Hazard Identification and Control Measures

Activity / Task	Identified Hazard	Current Control Measures	Residual Risk
Lifting and Positioning	Suspended loads, crushing, equipment damage	Lifting operations must comply with AS 4991. Ensure cranes and shackles are certified for the fully loaded weight (including wet	Low

		sediment). Never stand under a suspended load. Lift via the 4× galvanised top corner lugs or forklift pockets.	
Siting and Placement	Ground subsidence, tank tipping	Site on compacted, level ground capable of supporting at least 5 tonnes to prevent subsidence. Ensure at least 1.5m clearance around the lower galvanised manway hatch for cleanout operations.	Low
Hose Connections	Hose blowout, pressurised water release	Connect the incoming dirty water hose to the flanged 'LIQUID IN' port and discharge hose to 'FLUID OUT' port. Ensure all Camlock or Bauer fittings are safety-pinned.	Low

A: Unit 2 11 to 15 Baylink Avenue,
Deception Bay, QLD, 4508
P: 07 3204 2240
E: sales@goind.com.au
W: www.goind.com.au

Operation & Hatch Maintenance	Pinch points, hand/finger injuries	Exercise caution when operating the inset galvanised sliding roof and lower manway. Keep hands clear of tracks and hinges. Ensure the lower manway hatch is tightly secured with all bolts tensioned evenly.	Low
Internal Tank Maintenance	Confined space hazards, asphyxiation	Do not enter the tank. All maintenance is designed to be performed externally. Use a shovel or hydro excavation truck to remove heavy sediment.	Low
Cage Removal & Wash-down	Suspended load, high-pressure water spray	Slide open the inset roof. Attach certified lifting chains to the four lugs on the stainless steel cage. Wash down the 60° inclined plates with a high-pressure hose. Direct wash-down	Low

A: Unit 2 11 to 15 Baylink Avenue,
Deception Bay, QLD, 4508
P: 07 3204 2240
E: sales@goind.com.au
W: www.goind.com.au

		water back into an approved capture area.	
Environmental Management	Accidental sediment release, non-compliant discharge	Ensure discharge water quality meets local EPA guidelines. Have spill kits and booms available during cleanout. Dispose of silt per local waste tracking regulations. Do not wash sediment into stormwater drains. Calibrate pump to ~5 L/s.	Low

Note: A site-specific Safe Work Method Statement (SWMS) must be reviewed by all personnel prior to operating the silt tank.

Reviewed and Approved

GO Industrial Pty Ltd

Paul Morgan

Managing Director

10/11/26

A: Unit 2 11 to 15 Baylink Avenue,
Deception Bay, QLD, 4508
P: 07 3204 2240
E: sales@goind.com.au
W: www.goind.com.au