

Transtank Maintenance Checklist

To ensure the optimum performance and continued integrity of your Transtank unit, the following on-going maintenance program is recommended.

ITEM	METHOD	WHEN	BY WHOM
Monitoring of interstitial space	Check vacuum gauge or interstitial space dipstick	Weekly	All staff accessing Tank
Presence of Water	Water Paste on Dipstick	Bi Annually	Approved Staff / Maintenance Contractor
De-watering of Tank	Spear Pump	As Req	Approved Staff
Housekeeping of the Bunded Pump Bay Housing	Visual Inspection	Weekly	All staff accessing Tank
Calibration of Meter	To be conducted by API approved contractor	Annually	Qualified Maintenance Contractor
Hoses / Handpieces	To be conducted by API approved contractor	Annually	Qualified Maintenance Contractor
Transtank SCAMP Overfill Alarm	Press test button on the unit and listen for alarm to sound	Weekly	All staff accessing the tank
Strainers	Clean all strainers	Monthly	Approved Staff or Maintenance Contractor

Transtank Maintenance Checklist

Monitoring of Interstitial Space

TRANSTANK units have an interstitial space between the inner and outer tank wall. This interstitial space is the units' inherent protection against leaks from the inner tank. The interstitial space is the 'gap' between the TRANSTANK primary and secondary containment 'skins'. Should the contents of the primary containment leak into the secondary containment space, the TRANSTANK will no longer be considered a self bunded tank, and rectification will be required to restore the integrity of the inner tank.

The interstitial state is monitored by a vacuum gauge or a dipstick into the interstitial space. This gauge or dipstick should be checked regularly and will either be mounted on top of the tank, near the dip point, or within the front bunded pump bay housing.

Note: Vacuum reading will change with temperature. If high temperature, vacuum will fall and if low temperature, vacuum will rise. If the gauge reads 0 or above (i.e. positive pressure), investigate the cause. Any change in this gauge should be investigated at the first opportunity to ascertain the integrity of the tank.

In the event of a vacuum failure, the integrity of the interstitial space can be ascertained by dropping a dipstick into the interstitial space emergency vent point. The end of the dipstick should be covered with Hydrocarbon Finding Paste. Should hydrocarbons be detected a leak has occurred into the outer tank.

If a leak is detected please contact Transtank immediately for further advice (ph 07 3205 4436)

Transtank Maintenance Checklist

Tank De-watering

It is important that water is regularly removed from your TRANSTANK unit.

Condensation will gradually build up in your tank over time. The tank has been designed with a purpose built water catchment sump located at the front of the tank, with the floor of the tank being sloped towards the front of the unit, creating a low point at the front of the tank to collect water.

Fuel and lubricants are lighter than water and will therefore sit on top of any water in the tank. In order to ascertain whether there is water in your tank, the tank dipstick can be coated with Water Finding Paste. The Water Finding Paste will change colour should any water be present in the tank unit.

To remove the water a suction spear is to be used. This is inserted through the tank dip point. A small pump should be attached and the fluid drawn out until all the water is removed.

Please dispose of this water in an environmentally responsible manner, in accordance with local council regulations.

The continued presence of water in the tank can lead to premature corrosion of the tank and the development of algal blooms within the tank.

Transtank Maintenance Checklist

Front Bunded Pump Bay Housing

A bunded pump bay housing has been designed as part of the TRANSTANK unit for the mounting of pumping equipment. This area is designed to contain small fuel spills, drips from nozzles, drips from filling fuel hose, etc.

Over time this area will gather product, it is important that this bunded area be regularly cleaned as part of an ongoing maintenance process.

This area may be cleaned by means of suction or by manual removal of the accumulated waste/water. Please dispose of this waste/water in an environmentally responsible manner, in accordance with local council regulations.

Meter Calibration

To accurately report and record fluids usage from your TRANSTANK unit, it is important that the meters are calibrated on a regular basis, but at least annually.

This work should be carried out by a suitably qualified contractor in accord with the relevant regulatory requirements.

Fuel Hoses

Like Meter Calibration, Fuel hoses need to be regularly checked by a suitably qualified contractor in accordance with the requirements as specified by the Australian Petroleum Institute (API).

However, to retain API Approval, they **MUST** be checked annually and labelled appropriately.

Transtank Maintenance Checklist

Overfill Alarm

Australian Standard AS1940 was updated in late 2004 to include the requirement for the tank manufacturer to provide a visual / audible overfill alarm. This alarm unit is designed to alert the operator filling the Transtank unit that the safe fill level of the tank is soon to be reached when filling the unit.

The Transtank SCAMP Alarm system is a battery powered unit. You are required to test this unit on a regular basis and replace batteries as required. The revision of the Australian Standard AS1940 is not being applied retrospectively, however Transtank does recommend the installation of this device

Please be aware that, in accordance with the updated requirements of AS1940-2004, TRANSTANK has supplied an audible / visual alarm with your tank. This unit is to be fitted to the overfill protection system of the tank. It will signal an audible alarm as the safe fill level of the tank nears.

In the event that you hear this alarm, it is not an indication that there is a problem with your TRANSTANK, but that it is working as intended.