

11. Appendix: Monitoring for fuel losses and fuel inventory sheet

| TANK 1 | |
|---|---------|
| Fuel type | |
| Fuel dips (Fuel depth in centimeters) | 97 |
| Volume in litres (Converted from chart) | 2,054 |
| Opening inventories | 1,710 |
| Deliveries | + 500 |
| Sub-total | = 2,210 |
| Usage | - 162 |
| Expected inventory | = 2,048 |
| Actual inventory (from dips) | 2,054 |
| Expected inventory | - 2,048 |
| Today's variance* | = +6 |
| Previous YTD variance* | + -52 |
| YTD variance* | = -46 |

This value is determined by dipping your tanks with a measuring rod or tape. The measurement is taken in centimetres.

This value is determined from the chart supplied by tank manufacturers. For this example, a depth of 97 centimetres converts to a volume of 2,054 litres.

Obtained from actual inventory figures on your last inventory sheet.

Fuel delivered since last inventory sheet.

Opening inventory plus deliveries.

Fuel removed from the tanks since last inventory sheet.

The amount of fuel you expect to be in your tank (sub-total minus usage).

Actual fuel in the tank as calculated from fuel dip.

This figure is the expected inventory as calculated above.

The difference between actual inventory and expected inventory.

Cumulative year-to-date variance from the last inventory sheet.

Current year to date variance. (YTD - year to date)

*A negative variance indicates a fuel shortage.

Figure 24: Sample fuel inventory control sheet