



sasol

ATG (overfill alarm)

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Existing ATG Site Architecture, Installation Standards & QC



Communication interface



POS or FC Controller



Server



Scheduling

Sales & Inventory from site



Deliveries (BOL) from customer



Tank probes,
Wired or Wireless
Intrinsically safe or EX Rated

Tank Inventory via ATG



Tank Level Data



ATG Inspection Check points



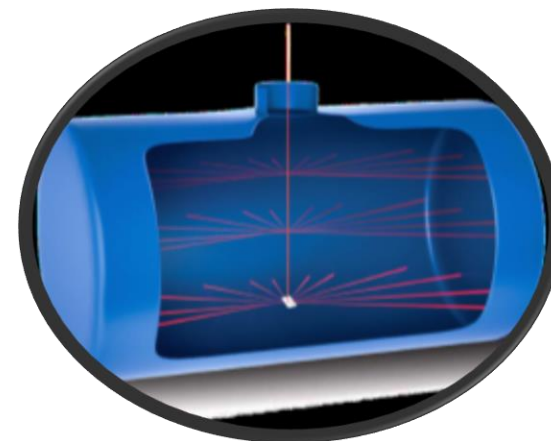
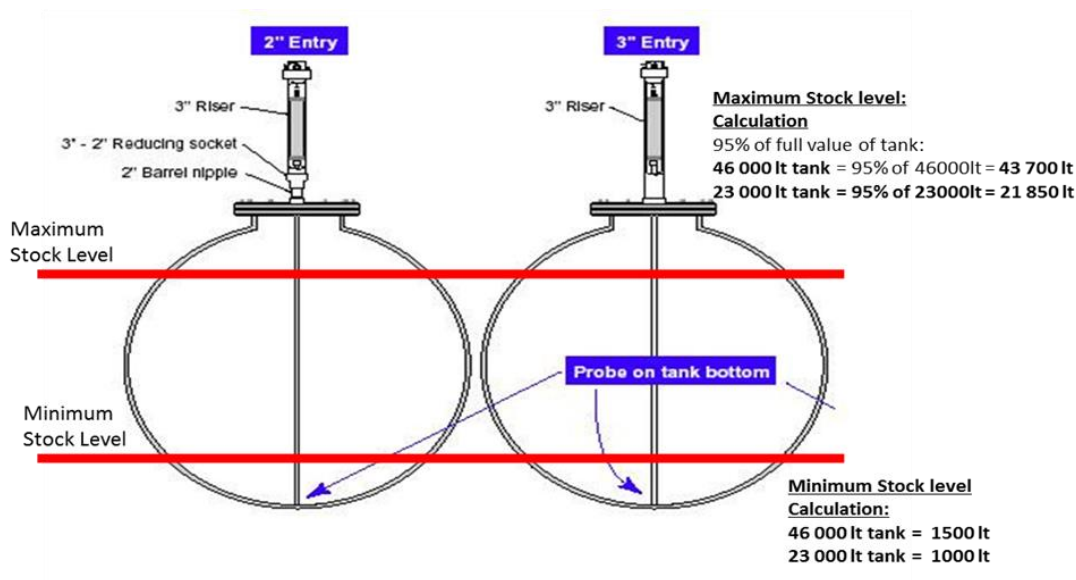
1. ATG Installed & Configured	9. Overfill Siren programmed
2. Tank Product Labels Changed	10. BIR Enabled Printout
3. In Tank Strapping Table	11. Probes & PLLD's Functional
4. EDIM Connected to POS	12. On Site Staff Training
5. I/O Module Installed & Connected	13. ATG Earth Compliance 4mm
6. ATG Office Access 24/7	14. PLLD Earth Clamps Installed
7. ATG Remote Dial In	15. J - Box Switch Installed
8. Siren & kiosk beacon light Working	16. J- Box Alarm Tested

ATG Stock levels at the sites.



Maximum Stock level: On a 46 000 lt tank the maximum stock level (top of tank) is calculated at 95% of full value of tank.
 $46\ 000 \times 95\% = 43\ 700\ \text{lt}$. **Overfill alarm - Remote audible alarm horn and beacon alarm in cash desk.**

Minimum Stock level: On a 46 000 lt tank the minimum stock level is 1500 lt. This minimum stock level is required to ensure that the STP is protected. **Low alarm - beacon alarm in cash desk**



The diagram depicts the stock levels for a 46 000 and 23 000 lt capacity tank.

- Incorrect type of ATG probe installed on product tanks.
- Ignoring active alarms by site representatives.
- Equipment failures.
- Dipstick readings vs ATG readings.