

MIDAS Operating Instructions

Delivery Driver arrives at site and connects the hose to the OSF fitting.

*****MIDAS MUST BE ACTIVATED BEFORE FLOODING HOSE*****

Activation

Use the Operators key fob (Yellow Label) and activate the Midas valve by shaking briefly and then holding the key fob **label side down** above the indicator panel. The key must be held at least 10 cm directly above the indicator panel and must be stationary when activating unit.



LED phases

1. Activation:

All 3 indicators LED's will flash and there will be a double beep from the sounder to indicate the unit has activated. This stage is the Dashboard Diagnostics stage.

2. Good to accept delivery:

Green LED will flash every 2 seconds indicating the valve had passed the self-diagnostic check and is ready to accept fuel. The tanker valve can be opened at this point and if the fuel is correct there will be a double beep to indicate the delivery is in progress.

3. Refused delivery

Red LED will flash rapidly with a beeping audible alarm to indicate a misfuel. The audible alarm will continue for 30 sec the visual LED flashing will continue for 2:30 min before dropping into the "lock down" phase.


4. Critical failure:

The amber LED will alarm along with the audible sounder for 2:30 min to indicate a failed self-diagnostic. An Engineer callout must be generated before this unit can be used again.

5. Maintenance required:

Another warning that will be indicated at this point is the Battery low warning. At 80% battery life the unit upon start-up will flash amber LED alongside the Green LED which indicated it is ready to use. This Amber LED will remain on throughout the delivery and will not affect the unit's ability to function.

Note: At 90% depletion the warning will progress to a critical error and will cease to accept a delivery.

 These checks must be performed by the driver upon start-up of the MIDAS and prior to opening the valve on the tanker. In the event of any error warnings an engineer callout must be made.

6. Successful delivery:

The Midas valve will then remain activated flashing the Green LED for 5 minutes until it reads a fuel. The unit will go back into hibernation if it does not sense fuel within this time. If this occurs the unit will then need re activating with the yellow Operators key fob.

- The green LED will flash every 2 seconds while the delivery takes place.

7. End of delivery:

The Alarm will sound twice to indicate the delivery has finished. The valve will partially close and remain in this stage for 5min allowing the driver time to drain the hose. While in this Drain down phase the Red LED will be intermittently flashing every 2 seconds for the 5min period

- The valve will then close and the unit will go back into hibernation.

7. Refused delivery(misfuel)

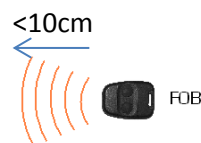
In the event of a "mis-fuel" scenario the valve will not open and the sounder will activate for a period of 2.5min. The Override key fob (red label) must be used to safely drain the contents of the Hose.

Override Key



Close the valve on the tanker

- Obtain the Override key fob from the site office or in the DCD either on the breakable security tag or the "emergency break glass" box.
- Activate the override mode by shaking and holding the key fob over the indicator panel.**ensure key fob is held still to allow good signal path



- The unit will then be completely overridden and will accept any fuel that is offloaded. The green LED will flash to indicate the valve has opened to allow draining of the hose contents into the tank.
- The override key gives the driver 30s to drain the contents of the hose.
- The valve will then close.
- If there is still product in the hose repeat steps above



The use of the override key removes any discriminating ability of the MIDAS valve and therefore its ability to prevent a misfuel. The onus is on the responsible party to ensure the Override key is only used for this scenario and not for draining the full contents of a delivery unless second tier permission is given.

****Any doubts as to the operation of this equipment, please contact either the driver trainer responsible for operation or the local distributor****