

## **Extracts from the PFS Forecourt maintenance contract specifically relating to Stage 2 vapor recovery & Clean Air units.**

### **From Appendix K of the GTC doc, under section.....[as yellow highlight]**

#### **Mechanics**

Change all Vee-drive belts on dispensers over 12 months old & check pulley alignment & security.  
Correct function of the nozzle blow back valve and check the nozzle breather hole is clear and undamaged.

The Nozzle orientation valve is working, rectify faults as necessary.

De-burr damaged Diesel spouts

Change plain Diesel spouts for SS tipped drip-catcher to Tesco Design Stds. spec.

Replace plain Unleaded spouts with stainless tipped units to Tesco Design Stds. spec.

Change leaking nozzles to New Tesco Design standard approved spec

Nozzle assembly and hose couplings in good working order and all fastenings tight.

LPG nozzle assembly and nozzle to vehicle latching mechanism and breakaway couplings working to safety requirements

**Check hoses, replace if cracked, swollen, leaking or perished**

Correct function of dispenser air separator filters – under pump suction line filters and clean as necessary.

Check flow rates for each nozzle to contract spec. IF not.

1<sup>st</sup>. Clean under pump filter if flow rate not achievable.

2<sup>nd</sup>. Clean pump unit filters if flow rate not achievable.

3<sup>rd</sup>. Clean nozzle filters if flow rate not achievable.

[Under Comprehensive contract

\*\*\*[2 dirty filter callouts 'off the same tank on tank to pump map' & 3<sup>RD</sup> escalate to Fuel Quality contractor rule applies with Diesel Winter Waxing Stop Check in place]\*\*\*\*]

Check safety break couplings and hose joints & replace if necessary.

Check shear valves & fusible links in correct order

Check pump unit liquid seals for leaks & replace if necessary.

Lubricate hinges and moving parts

Totaliser, gears & drive working correctly & lubed

Wire crimps on meter settings & encoder seals all in place

**'Vapour recovery VR2 pipework system checked on forecourt efficiency test every 3 years for applicable sites & certificate issued to PFS compliance manager.'**

## **From The Annual PPM document, details relating to both Clean Air & Vaporsaver**

### **'Vaporsaver' vapour recovery & 'Clean Air' equipment – Integral & Standalone**

#### **'Clean Air' – Being mindful of Auto-start capability – SWITCH OFF first.**

Six monthly

Check fan belt on stand alone model for tension & adjust if required

Check heat exchanger fins & grille are clean & clear of obstructions

Check compressor & fan mounting bolts are secure & tight

Check compressor belt tension & adjust if required

Clean Suction filter with compressed air or detergent washout.

Exchange Petrol Filter in the liquid detector using prescribed method & specific safety instructions

Check & exchange if required the O ring between lower & upper Multi Function Tank Pot

Check system pressure using Manometer to prescribed method to 4.4 bar < p < 4.6 bar

Using specific OEM Test Box

Check correct settings parameters still apply

Check if any fault codes are present investigate & rectify root cause.

Annually

Check calibration settings & correct if at variance with statutory compliance requirements  
Run a verification of the recovering rate procedure  
Check suction adjustment to manufacturer's spec & troubleshooting instructions.

3 Yearly

Using specialist manufacturer's [Burkett], calibration kit, pressure gauge & specialist tools.

Carry out a full Calibration check for every 3<sup>rd</sup> year from commissioning  
Record results & issue Stage 2 VR Certificate to Site PFS compliance manager, PO & contractors Site folder

**'Vaporsaver' stage 2 equipment**

**Annually**

Inspect vee belts, replace like for like & tension

Check control system & operating pressure & vacuum readings to OEM spec & rectify.

Visual check for overall wear issues, report exceptions via App 24.

Verify equipment effectively operating & fit for purpose, report exceptions via App 24

Check TRT [total run time meter] against further exchange replacement, [record results]

**Variable service exchange replacement parts [using TRT data]**

Replace compressor pump between 5,000 hours & at latest 8,500 hours operation linked to remaining in effective operation, [record & track changes]

Replace Vacuum pump between 10,000 hours & at latest 12,000 hours operation linked to remaining in effective operation, [record & track changes]

Replace Membrane Module at 15,000 hours operation, [record & track changes]

**3 yearly**

The Hydrocarbon sensor must be Factory service exchanged every 36 months along with the labelling in the equipment housing located at the two locations specified in the user manual [record & track changes]