Diesel Particulate Filter (DPF) - Cleaning History Worksheet

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Date: _____

Filter Style: DPF Catalyst

Serial Number: _____

Part Number: _____

Other Number: _____

Customer: _____

Manufacturer/Distributor (Circle)

Caterpillar	DCL	International	Mack
Cleaire	Detroit Diesel	Isuzu	PACCAR
Cummins	ECS	Johnson Matthey	Volvo

Other: _____

Mileage: _____ Vehicle #: _____

Engine: _____ Model: _____

Filter Dimensions

OD _____ ID _____

Overall Height _____

Ceramic Height _____

Pin Gauging

Depth of a totally clean cell

_____

(Measure from Clean side)

Step 1 - Visual Inspection

Refer to Filter Cleaning Reference Data Posters

Clean End Color (Circle): White, Cream, Tan, Gray, Brown, Black, Other:_____

Dirty End Color (Circle): White, Cream, Tan, Gray, Brown, Black, Other:_____

Pin Gauge clean side to check for melting and note measurements (see grid at right)

Circle One		
Chips, Gouges, Melting:	Pass	Fail
Surface Cracks:	Pass	Fail
Loose Ceramic (Ceramic moves) :	Pass	Fail

☐ Red Tag ☐ Continue

Oil Soaked (circle): Yes No

If Yes, then Red Tag.

FSX does not recommend cleaning oil, coolant, or fuel soaked DPF.

Discoloration Ring: **Yes** or **No** (circle)

TrapTester Airflow test _____ **w.g.** (Clean side down no gaskets)

Initial Black Hole Count (on clean side) **(est.) (circle)**:

0 5 15 10 20 50 100 100+ 1000+ Other:_____

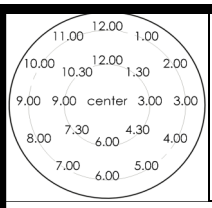
Step 2 - Pneumatic Stage 1 Cleaning

2-minute Bypass Inspection; **Important - Closely watch top surface of the DPF during first 2-minutes of air blast. Count defective cells allowing distinct spurts of ash or soot, and indicate number below.**

Circle: 0 1 2 3 4 5 10 15 20 50 100 100+ 1000+

☐ **Red Tag: stop process if over 20 cells have heavy spurts of black, white, or gray particulate blowing out the clean end of the DPF during the first two minutes.**

☐ **Continue: if less than 20 defective cells (spurts) noted.**



Location of target cells to test

Step 3 - After Pneumatic Cleaning

TrapBlaster Time (in minutes) (circle one):

15 20 25 30

40 50 60 Other:_____

Pin Gauge dirty side for ash content and note measurement (see grid at right)

TrapTester Airflow test _____ **w.g.** (Clean side down no gaskets)
Compare to FSX Baseline Chart

Step 3 Status: ☐ Red Tag ☐ Green Tag-Process Complete ☐ Continue to Thermal

Step 4 - After Thermal Cleaning

Important: Before putting the filter in the TrapBlaster make sure core temp is at or below 125°F

TrapBurner P1 (circle): Yes or No

TrapBlaster Time (in minutes) (circle one):

15 20 25 30 40 50 60

Other:_____

TrapTester Airflow test _____ **w.g.**
(Clean side down no gaskets)
Compare to FSX Baseline Chart

Pin Gauge dirty side for ash content and note measurement (see grid at right)

Final Step 4 status: ☐ Red Tag ☐ Green Tag ☐ Orange Tag

Final comments: _____

_____ Operator's Initials:_____

_____

Pin Gauge Depth

(Measure available depth from dirty side of filter – tap **lightly** if necessary)

Position	Clean Side Step 1	Dirty Side After Pneumatic Step 2	Dirty Side After Thermal Step 3
Outer 1:00			
Outer 2:00	X		
Outer 3:00	X		
Outer 4:00	X		
Outer 5:00			
Outer 6:00	X		
Outer 7:00	X		
Outer 8:00	X		
Outer 9:00			
Outer 10:00	X		
Outer 11:00	X		
Outer 12:00	X		
Inner 1:30	X		
Inner 3:00			
Inner 4:30	X		
Inner 6:00	X		
Inner 7:30			
Inner 9:00	X		
Inner 10:30			
Inner 12:00	X		
Center			
Average	X		