



1822 21ST STREET
SACRAMENTO, CA 95811

SAE J1667 OPACITY TEST REPORT

CLEANFLEETS.NET
1822 21ST ST
SAC CA 95811
916 520 6040

Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 16 ***

Test Date: 12-04-13 Test Time: 15:32:41

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 02064
Veh. VIN or Unit#: 02064
Year and Make: 2007 TAYLOR
Vehicle Mileage: 6924
Engine Mfg: CUMMINS
Year of Engine: 2007
Stack Dia: 5 in.
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 77.9 F
Baro. Press: 29.93 inHg
Rel. Humidity: 20.5 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	6.59
2	9.60
3	9.33

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	10.8	10.8
2	9.33	9.33
3	8.53	8.53

Results Corrected for Ambient Conditions

Peak Opacity Difference: 2.31 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....9.57 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 15 ***

Test Date: 12-04-13 Test Time: 15:01:18

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 06091
Veh. VIN or Unit#: 06091
Year and Make: 2013 HYSTER
Vehicle Mileage: 15
Engine Mfg: CUMMINS
Year of Engine: 2013
Stack Dia: 5 in.
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 73.5 F
Baro. Press: 29.93 inHg
Rel. Humidity: 18.7 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 0.00
2 0.00
3 0.00

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 0.00 0.00
2 0.00 0.00
3 0.00 0.00

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.00 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....0.00 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 17 ***

Test Date: 12-04-13 Test Time: 15:37:55

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 2108
Veh. VIN or Unit#: 2108
Year and Make: 2008 WIGGINS
Vehicle Mileage: 188
Engine Mfg: CUMMINS
Year of Engine: 2008
Stack Dia: 3 in.
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 80.4 F
Baro. Press: 29.93 inHg
Rel. Humidity: 22.7 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 9.45
2 8.97
3 8.82

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 8.79 8.79
2 8.55 8.55
3 8.74 8.74

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.23 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....8.69 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 5 ***

Test Date: 12-04-13 Test Time: 12:08:00

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5002
Veh. VIN or Unit#: 5002
Year and Make: 2009 CAPACITY
Vehicle Mileage: 8685
Engine Mfg: CUMMINS
Year of Engine: 2009
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 70.7 F
Baro. Press: 29.97 inHg
Rel. Humidity: 14.9 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	0.69
2	0.00
3	0.00

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	0.00	0.00
2	0.00	0.00
3	0.66	0.66

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.66 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....0.22 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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CLEANFLEETS.NET
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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 6 ***

Test Date: 12-04-13 Test Time: 12:11:55

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5003
Veh. VIN or Unit#: 5003
Year and Make: 2009 CAPACITY
Vehicle Mileage: 11316
Engine Mfg: CUMMINS
Year of Engine: 2009
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 72.6 F
Baro. Press: 30.00 inHg
Rel. Humidity: 12.3 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	4.60
2	6.53
3	5.41

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	5.16	5.16
2	4.81	4.81
3	4.94	4.94

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.35 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....4.97 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 13 ***

Test Date: 12-04-13 Test Time: 14:18:50

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5200
Veh. VIN or Unit#: 5200
Year and Make: 2008 CAPACITY
Vehicle Mileage: 2044
Engine Mfg: CUMMINS
Year of Engine: 2008
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 70.9 F
Baro. Press: 29.93 inHg
Rel. Humidity: 27.4 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	0.00
2	0.00
3	0.00

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	0.00	0.00
2	0.00	0.00
3	0.00	0.00

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.00 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....0.00 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 11 ***

Test Date: 12-04-13 Test Time: 12:40:40

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5397
Veh. VIN or Unit#: 5397
Year and Make: 2008 CAPACITY
Vehicle Mileage: 9645
Engine Mfg: CUMMINS
Year of Engine: 2008
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 77.1 F
Baro. Press: 29.98 inHg
Rel. Humidity: 12.8 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 4.11
2 2.15
3 2.19

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 1.86 1.86
2 1.71 1.71
3 1.83 1.83

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.14 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....1.80 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 3 ***

Test Date: 12-04-13 Test Time: 11:48:19

Company Name: PORTSAMERICA
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5398
Veh. VIN or Unit#: 5398
Year and Make: 2008 CAPACITY
Vehicle Mileage: 3756
Engine Mfg: CUMMINS
Year of Engine: 2008
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 65.0 F
Baro. Press: 30.01 inHg
Rel. Humidity: 25.4 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	10.5
2	5.95
3	4.38

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	4.96	4.96
2	3.84	3.84
3	4.10	4.10

Results Corrected for Ambient Conditions

Peak Opacity Difference: 1.12 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....4.30 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 1 ***

Test Date: 12-04-13 Test Time: 11:33:11

Company Name: PORTSAMERICA
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5647
Veh. VIN or Unit#: 5647
Year and Make: 2007 CAPACITY
Vehicle Mileage: 4171
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 63.9 F
Baro. Press: 30.02 inHg
Rel. Humidity: 22.1 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	9.11
2	8.54
3	7.99

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	7.10	7.10
2	6.97	6.97
3	7.00	7.00

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.12 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....7.02 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 7 ***

Test Date: 12-04-13 Test Time: 12:16:16

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5648
Veh. VIN or Unit#: 5648
Year and Make: 2007 CAPACITY
Vehicle Mileage: 4202
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 76.1 F
Baro. Press: 29.98 inHg
Rel. Humidity: 10.9 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 34.6
2 21.1
3 13.4

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 13.5 13.5
2 11.0 11.0
3 13.4 13.4

Results Corrected for Ambient Conditions

Peak Opacity Difference: 2.44 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check INVALID ***

3 TEST AVERAGE OPACITY:.....12.6 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** FAIL ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 8 ***

Test Date: 12-04-13 Test Time: 12:19:09

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5648
Veh. VIN or Unit#: 5648
Year and Make: 2007 CAPACITY
Vehicle Mileage: 4202
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 74.7 F
Baro. Press: 29.99 inHg
Rel. Humidity: 12.2 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 18.7
2 13.5
3 12.8

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 12.7 12.7
2 14.0 14.0
3 12.7 12.7

Results Corrected for Ambient Conditions

Peak Opacity Difference: 1.28 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....13.2 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 10 ***

Test Date: 12-04-13 Test Time: 12:27:59

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5649
Veh. VIN or Unit#: 5649
Year and Make: 2007 CAPACITY
Vehicle Mileage: 04461
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 76.7 F
Baro. Press: 29.97 inHg
Rel. Humidity: 9.1 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	4.40
2	5.83
3	5.20

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	5.53	5.53
2	4.78	4.78
3	5.13	5.13

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.74 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....5.15 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 4 ***

Test Date: 12-04-13 Test Time: 11:57:25

Company Name: PORTSAMERICA
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5650
Veh. VIN or Unit#: 5650
Year and Make: 2008 CAPACITY
Vehicle Mileage: 4188
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 62.5 F
Baro. Press: 29.99 inHg
Rel. Humidity: 25.9 %

Visual Inspection.....OK

Preliminary Cleanout Snaps

Test #	Peak %
1	1.43
2	0.97
3	0.99

.....OFFICIAL OPACITY TESTS.....

Test #	Peak %	Corrected Peak%
1	1.13	1.13
2	1.28	1.28
3	1.34	1.34

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.22 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....1.25 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 9 ***

Test Date: 12-04-13 Test Time: 12:23:42

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5651
Veh. VIN or Unit#: 5651
Year and Make: 2007 CAPACITY
Vehicle Mileage: 04191
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 79.0 F
Baro. Press: 29.97 inHg
Rel. Humidity: 9.9 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 3.07
2 2.92
3 2.19

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 2.30 2.30
2 2.11 2.11
3 1.98 1.98

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.32 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....2.13 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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SACRAMENTO, CA 95811

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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 12 ***

Test Date: 12-04-13 Test Time: 14:15:20

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5659
Veh. VIN or Unit#: 5659
Year and Make: 2007 CAPACITY
Vehicle Mileage: 3103
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 68.0 F
Baro. Press: 29.94 inHg
Rel. Humidity: 28.6 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 0.00
2 0.00
3 0.00

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 0.00 0.00
2 0.00 0.00
3 0.00 0.00

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.00 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....0.00 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

Tester's Signature



1822 21ST STREET
SACRAMENTO, CA 95811

SAE J1667 OPACITY TEST REPORT

CLEANFLEETS.NET
1822 21ST ST
SAC CA 95811
916 520 6040

Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 2 ***

Test Date: 12-04-13 Test Time: 11:38:44

Company Name: PORTSAMERICA
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 5662
Veh. VIN or Unit#: 5662
Year and Make: 2007 CAPACITY
Vehicle Mileage: 03651
Engine Mfg: CUMMINS
Year of Engine: 2007
Engine HP: 240
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 73.3 F
Baro. Press: 30.00 inHg
Rel. Humidity: 18.7 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 7.62
2 4.38
3 3.70

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 2.86 2.86
2 2.92 2.92
3 2.95 2.95

Results Corrected for Ambient Conditions

Peak Opacity Difference: 0.09 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....2.91 %
Max Limit - Engines 1991 and Newer: 40 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 10-18-13 16:16:25
Calibration Filter: 49.7 %

Tester's Signature



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SACRAMENTO, CA 95811

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CLEANFLEETS.NET
1822 21ST ST
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Mfg: RED MOUNTAIN Mdl: SMOKE CHECK 1667
S/N: 13364715 Mfg Date: 09-04-2013
Software Version: 4.97CA
*** TEST NUMBER 14 ***

Test Date: 12-04-13 Test Time: 14:23:54

Company Name: PORTSAMERICA1
Test Loc/Address: BUILDING141
Test City: PORT HUENEME
Tested by: JULIAN BARAZI
CCDET Trained: YES
CARB/CCDET #: 71013
License Plate: 6010
Veh. VIN or Unit#: 6010
Year and Make: 1978 TAYLOR
Vehicle Mileage: 11937
Engine Mfg: DETROIT
Year of Engine: 1976
Stack Dia: 5 in.
Stack Direction: UP
Exhaust Retrofit: NO
Retro PM Level#: N/A

Ambient Temp: 68.0 F
Baro. Press: 29.93 inHg
Rel. Humidity: 26.4 %

Visual Inspection.....OK

Preliminary Cleanout Snaps
Test # Peak %
1 77.4
2 42.9
3 27.6

.....OFFICIAL OPACITY TESTS.....
Test # Peak % Corrected Peak %
1 23.5 23.5
2 21.2 21.2
3 20.4 20.4

Results Corrected for Ambient Conditions

Peak Opacity Difference: 3.10 %
HI-LO Difference within spec
*** HI-LO Difference VALID ***
*** Zero-Drift Check VALID ***

3 TEST AVERAGE OPACITY:.....21.7 %
Max Limit - Engines 1990 and Older: 55 %

TEST RESULTS: *** PASS ***

Last Calibrated On: 12-04-13 12:39:04
Calibration Filter: 49.7 %

Tester's Signature