

Emissions Reduction Documentation:

Test results of a 1996 Chevy Tahoe V8 Gasoline vs. E85 emissions			
	Gas	E85	% Decrease
HC GPM	0.398	0.1289	67.61
CO GPM	3.3339	2.4481	26.57
CO2 GPM	546.0343	500.2984	8.38
NOx GPM	0.6487	0.2333	64.04

This example is from a 1996 Chevy Tahoe with a 5.7L V8 Vortec engine. The gasoline test running regular unleaded with 85 octane was performed on 11/11/2006. The E85 test was performed on 9/24/2007 subsequent to the installation of a Full Flex E85 Conversion Kit and E85 ethanol.

We recommend to all of our customers to keep a copy of their old emissions report when using gasoline. Then when they convert they can do a side by side comparison of their own test results of gas vs E85 ethanol.

The next two pages are the test results of said vehicle as performed by the State of Colorado.

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VEHICLE INSPECTION REPORT

STATE OF COLORADO

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RESULTS

Overall Result	Emissions	Evaporative Systems	Equipment Inspection	Smoke	CFC's	Recall	OBD Codes	Total Amount Paid
PASS	PASS	PASS	PASS	PASS	N/A		PASS	25.00

VEHICLE INFORMATION

VIN	STATE	LICENSE PLATE	YEAR	MAKE	ODOMETER	
3GNEK18R8TG163270	CO	927IVV	1996	CHE	54730	
PROGRAM	INSPECTOR #	LANE #	STATION #	START TIME	END TIME	DATE
E	10746	01	5001E	08:10:51	08:30:50	11-NOV-2006

CONSUMER INFORMATION

Congratulations, your vehicle is compliant with all State regulations for this emissions inspection. See the box titled "IF YOUR VEHICLE PASSED OR WAS ISSUED A WAIVER" for further instructions.

EMISSIONS TEST INFORMATION

	READINGS	LIMITS	RESULTS
HC GPM	0.3980	4.0000	PASS
CO GPM	3.3339	20.0000	PASS
CO2 GPM	546.0343		
NOx GPM	0.6487	0.0000	PASS

EVAPORATIVE SYSTEMS TEST INFORMATION

	PRESSURE	PURGE	FUEL CAP RESULTS
UNITS	INCHES/H ₂ O		PASS
LIMITS	6.00		
READINGS			
RESULTS	PASS		

EQUIPMENT INSPECTION INFORMATION

Catalytic Converter - PASS
 Fuel Filler Restrictor - PASS
 Air Injection System - N/A
 Oxygen Sensor - PASS
 Check Engine Light - PASS

IF YOUR VEHICLE PASSED OR WAS ISSUED A WAIVER

Your vehicle inspection results are shown on this "VEHICLE INSPECTION REPORT". If you are renewing your registration by mail, follow the instructions regarding the renewal process located on the back side of your renewal notice. If you are renewing your registration in person, the Certificate of Emissions Control must accompany all supporting documents at the time of registration. If the Certificate of Emissions Control is lost, a new inspection is required at the owner's/operator's expense.

IF YOUR VEHICLE FAILED THE INSPECTION

Your vehicle inspection results are shown on this "VEHICLE INSPECTION REPORT". If your vehicle failed its first inspection, you are entitled to one free reinspection within 10 calendar days if returned to the same independent inspection station. If the first inspection was performed at an Envirotest center, the reinspection can be performed at any one of Envirotest's centers. The information recorded on this "VEHICLE INSPECTION REPORT" is extremely valuable to a repair technician when having your vehicle repaired. The "VEHICLE REPAIR FORM", (VRF), located on the back **must** be completed by the person performing the repairs. The VRF **must also** accompany the vehicle at the time of reinspection. If your vehicle fails the reinspection, you may be entitled to a waiver. Waiver eligibility information is available at the inspection stations or by calling the Department of Revenue at (303) 205-5603.

"QUALITY EMISSIONS REPAIRS ALWAYS BEGIN WITH A GOOD DIAGNOSIS BY A QUALIFIED REPAIR TECHNICIAN."

HIGH HC READINGS

HIGH HC READINGS ARE A RESULT OF UNBURNED OR PARTIALLY BURNED FUEL.

HIGH CO READINGS

HIGH CO READINGS OCCUR WHEN THE AIR/FUEL MIXTURE IS TOO RICH.

HIGH NOx READINGS

HIGH NOx READINGS ARE THE RESULT OF HIGH COMBUSTION TEMPERATURES AND/OR HIGH COMBUSTION PRESSURES. (ENHANCED AREA ONLY)

VEHICLE INSPECTION REPORT

STATE OF COLORADO

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RESULTS

Overall Result	Emissions	Evaporative Systems	Equipment Inspection	Smoke	CFC's	Recall	OBD Codes	Total Amount Paid
PASS	PASS	PASS	PASS	PASS	PASS		PASS	25.00

VEHICLE INFORMATION

VIN	STATE	LICENSE PLATE	YEAR	MAKE	ODOMETER	
3GNEK18R8TG163270	CO	927IVV	1996	CHE	59874	
PROGRAM	INSPECTOR #	LANE #	STATION #	START TIME	END TIME	DATE
E	10437	04	5001E	15:59:21	16:19:59	24-SEP-2007

CONSUMER INFORMATION

Congratulations, your vehicle is compliant with all State regulations for this emissions inspection. See the box titled "IF YOUR VEHICLE PASSED OR WAS ISSUED A WAIVER" for further instructions.

EMISSIONS TEST INFORMATION

EVAPORATIVE SYSTEMS TEST INFORMATION

	EMISSIONS TEST INFORMATION			EVAPORATIVE SYSTEMS TEST INFORMATION			
	READINGS	LIMITS	RESULTS		PRESSURE	PURGE	FUEL CAP RESULTS
HC GPM	0.1289	4.0000	PASS	UNITS	INCHES/H ₂ O		PASS
CO GPM	2.4481	20.0000	PASS	LIMITS	6.00		
CO ₂ GPM	500.2984			READINGS			
NO _x GPM	0.2333	0.0000	PASS	RESULTS	PASS		

EQUIPMENT INSPECTION INFORMATION

Catalytic Converter - PASS
 Fuel Filler Restrictor - PASS
 Air Injection System - N/A
 Oxygen Sensor - PASS
 Check Engine Light - PASS

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