

Iran IFCO Government Test

MAKE : Samand

Test Type : &ECE 1505 > &Gasoline >&Bag

Test No. : 6-20101213-05

COMPARISON :

	Before Greentech	After Greentech	%Difference
Phase 1	11.8 l/100km	11.5 l/100km	----
Phase 2	5.8 l/100km	5.2 l/100km	----
Average	8 l/100km	7.5 l/100km	6.6 %

* Greentech is the first and only one product which can pass the Iran government test so far.





**Automotive Industries Research & Innovation
Center & SAIPA (AIRIC)
Emission Lab EURO IV**

Test No. 6-20101213-05

Test Type: &ECE 1505 > &Gasoline > &Bag

Date: 13.12.2010

Customer	: Rasa Gostaresh	Operator	: Mousavifar	Driver	: Abbasi
Vehicle Type	: Samand	VIN No	:	Plate Number	: 99 h 952-55
Engine ID	:	Engine No.	:	Fuel System	:
Engine Power[KW]	:	Displacement[cm ³]	: 0	Veh. Weight[lbs]	: 1360
Tire Pressure[bar]	: 2.1	Odometer[km]	: 61061	Transm. Type	: Manual

GASOLINE

CVS Type	: ULEV MultiVenturi	Blower-speed	: 9		
Sim. Model No.	:	Inertia[lbs]	: 1360	Dyno Power[KW]	:
F0[N]	: 58.67	F1[N/(km/h)]	: 0.25	F2[N/(km/h) ²]	: 0.02
Shift Table	: hand	Fuel No.	: EUII(Super)	Density[kg/l]	: 0.750
HC Ratio	: 0.000	C-Fract.[kg/kg]	: 0.860	Net Heat.[BTU/lbs]	: 18390
Remark	: with out Kit				

Room Temp.[°C]	: 24.5	Oiltemp. at Start	:	Oiltemp. after Test	:
Baro. Press[mbar]	: 887.3	Soak Time[h]	: 0		
Begin of Test	: 12.13.10 6:44 AM	Test Start	: 11:11 AM	Time of Cycle[s]	: 1220
NOx-Corr. Factor	: 0.834			CH4-Responsefact.	: 1.130

BAG ANALYSIS	Phase 1	Phase 2	Phase 3	Phase 4	Total	Total * 1.2	Emission limits
THC[g/km]	0.114	0.681			0.390		

THC+NOx[g/km]	1.589	2.453			2.053	2.463	0.500
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CO[g/km]	10.833	4.678			6.932	8.318	2.200
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NOx[g/km]	1.474	1.771			1.663		
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CO2[g/km]	264.290	127.617			177.655		
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FUEL ECONOMY	Phase 1	Phase 2	Phase 3	Phase 4	Total
Fuel Cons.[l/100km]	11.8	5.8			8.0

Idle data after Test

Idle Speed[U/min] : 0	Ignition Angle :		
HC[ppm] : 73.000	CO[ppm] : 0.710	NOx[ppm]: 62.000	CO ₂ [%] : 14.500

Remarks :



**Automotive Industries Research & Innovation
Center & SAIPA (AIRIC)
Emission Lab EURO IV**

Test No. 6-20101219-02

Test Type: &ECE 1505 > &Gasoline > &Bag

Date: 19.12.2010

Customer	: Rasa Gostaresh	Operator	: Mousavifar	Driver	: Abbasi
Vehicle Type	: Samand	VIN No	:	Plate Number	: 99h952-55
Engine ID	:	Engine No.	:	Fuel System	:
Engine Power[KW]	: 0	Displacement[cm ³]	: 0	Veh. Weight[lbs]	: 1360
Tire Pressure[bar]	: 2.1	Odometer[km]	: 61629	Transm. Type	: Manual

GASOLINE

CVS Type	: ULEV MultiVenturi	Blower-speed	: 9	Dyno Power[KW]	:
Sim. Model No.	:	Inertia[lbs]	: 1360	F2[N/(km/h) ²]	: 0.02
F0[N]	: 58.67	F1[N/(km/h)]	: 0.25	Density[kg/l]	: 0.750
Shift Table	: hand	Fuel No.	: EUII(Super)	Net Heat.[BTU/lbs]	: 18390
HC Ratio	: 0.000	C-Fract.[kg/kg]	: 0.860		
Remark	:				
Room Temp.[°C]	: 26.0	Oiltemp. at Start	:	Oiltemp. after Test	:
Baro. Press[mbar]	: 880.9	Soak Time[h]	: 0		
Begin of Test	: 12.19.10 7:16 AM	Test Start	: 11:43 AM	Time of Cycle[s]	: 1220
NOx-Corr. Factor	: 0.836			CH4-Responsefact.	: 1.130

BAG ANALYSIS	Phase 1	Phase 2	Phase 3	Phase 4	Total	Total * 1.2	Emission limits
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THC[g/km]	0.137	0.570			0.311		
THC+NOx[g/km]	1.508	1.946			1.685	2.022	0.500
CO[g/km]	11.043	4.334			6.797	8.156	2.200
NOx[g/km]	1.372	1.376			1.374		
CO2[g/km]	256.636	115.064			167.035		

FUEL ECONOMY	Phase 1	Phase 2	Phase 3	Phase 4	Total
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Fuel Cons.[l/100km]	11.5	5.2			7.5
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Idle data after Test

Idle Speed[U/min] : 0

Ignition Angle :

HC[ppm] : 93.000

CO[ppm] : 0.700

NOx[ppm] : 65.000

CO₂[%] : 14.500

Remarks :