



C-TECH EMISSION TESTING CENTER

#5201 N. EDELSON RD. KARIHATAN, VALENZUELA CITY, PHILIPPINES TEL. (63)02 4454677

January 10, 2011

Our Receipt No. BA92D98C574

VERTES Technologies Pte Ltd
Block 41, #01-19
Cambridge Road
Singapore 210041

Attn: Mr Crisanto E. Cruz

EMISSION TESTING FOR IN-USE COMPRESSION IGNITION MOTOR VEHICLE
(DIESEL).

Dear Sir,

With regards to the test carried out on the vehicle sent in on December 30, 2010 and January 5, 2011 respectively, we would like to summarize the test information as follows:

TEST VEHICLE:

Registration No.:	CR No. 55650036
Year Registered:	September 21, 1998
Make and Model:	Mitsubishi L-300
Engine No.:	4D56A-D2267
Chassis No.:	L069WQZH-00B67
Type:	Diesel Van
Plate No.:	UBD223

SCOPE :

The test is a smoke opacity measurement for in use for motor vehicle equipped with compression ignition engines (Diesel), using the free acceleration from low idle speed method.

TEST EQUIPMENT:

The light absorption coefficient of exhaust gases shall be measured with an opacimeter satisfying the condition laid down in ECE Regulation NO. 24, Revision 2E/ECE/TRANS 505. Rev Add 23. Rev 2 Annex 8: Characteristic of Opacimeter.



C-TECH EMISSION TESTING CENTER



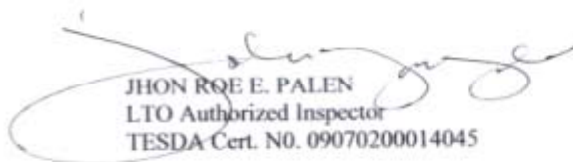
52 GEN. T. DE LEON RD., KARUHATAN, VALENZUELA CITY PHILIPPINES TEL.: (63) 02-445-0727

TEST RESULT:

Table 1 : Summary of test results

TEST DATA		
Date of testing	December 30,2010	January 5,2011
Vehicle Condition	Before VFuel installation	After VFuel installation
EURO 2 EMISSION TESTING STANDARD		
Loading Condition	Opacimeter Limit (K)	
1 st	4.36	0.60
2 nd	2.36	0.20
3 rd	1.64	0.82
4 th	1.98	0.05
5 th	3.74	0.72
6 th	3.82	1.47
AVERAGE	2.98	0.64

Best Regards,


 JHON ROE E. PALEN
 LTO Authorized Inspector
 TESDA Cert. NO. 09070200014045



C-TECH EMISSION TESTING CENTER
#52, Gen. T. de Leon, Karuhatan, Valenzuela City



December 30, 2010

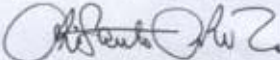
CERTIFICATION

This is to certify that motor vehicle hereunder describe as follows has **FAILED** the smoke emission test conducted by this emission testing center.

Make / Series : MITSUBISHI L-300
Type of Body : VAN
Plate No. : UBD223
Fuel : DIESEL
Classification : PRIVATE

EURO 2 EMISSION TESTING STANDARDS	
OPACIMETER LIMIT (k)	
1 st	4.36
2 nd	2.36
3 rd	1.64
4 th	1.98
5 th	3.74
6 th	3.82
AVERAGE	2.98

This certification is issued for vehicle **PLATE REDEMPTION & vehicle SMOKE TEST COMPLIANCE.**



ORISANTO E. CRUZ

Signature Over Printed Name

Owner / Representative


JOHN ROE E. PALEN

PETC Technician
LTO Authorized Inspector
TESDA Cert. No. : 09070200014045



C-TECH EMISSION TESTING CENTER
 #52, Gen. T. de Leon, Karuhatan, Valenzuela City



January 05, 2011

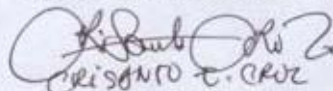
CERTIFICATION

This is to certify that motor vehicle hereunder describe as follows has **PASSED** the smoke emission test conducted by this emission testing center.

Make / Series : **MITSUBISHI L300**
 Type of Body : **VAN**
 Plate No. : **UBD223**
 Fuel : **DIESEL**
 Classification : **PRIVATE**

EURO 2 EMISSION TESTING STANDARDS	
OPACIMETER LIMIT (k)	
1 st	0.60
2 nd	0.20
3 rd	0.82
4 th	0.05
5 th	0.72
6 th	1.47
AVERAGE	0.64

This certification is issued for vehicle **PLATE REDEMPTION** & vehicle **SMOKE TEST COMPLIANCE**.


 CRISANTO E. CRUZ

Signature Over Printed Name

Owner / Representative


 JOHN ROE E. PALEN

PETC Technician
 LTO Authorized Inspector
 TESDA Cert. No. : 09070200014045

C-TECH EMISSION TESTING CENTER

Gen. T. de Leon, Karuhatan, Valenzuela City

Accreditation and Authorization Number: NCR-2009-08-540

BA92D98C574

201013100001676

UBALDO , RAMONES M.

MASBATE, '
UBD223
L069WQZH-00867
4D56A-D2267
X

137200000153933
Mitsubishi/L-300/VAN
1995/-
Utility Vehicle/PRIVATE



FAILED

X

Computer Interfaced
NO MACHINE PRINTOUT REQUIRED

2.98

December 30, 2010

X

February 28, 2011
For Compliance

John Roe E. Palen
John Roe E. Palen
RDMS, Inc.
09070200014045

C-TECH EMISSION TESTING CENTER

Gen. T. de Leon, Karuhatan, Valenzuela City

Accreditation and Authorization Number: NCR-2009-08-540

BBF1C2EE574

201113100001903

UBALDO M. RAMONES

MASBATE, -
UBD223
L069WQZH-00867
4D56A-D2267
X

137200000153933
Mitsubishi/L300/VAN
1995/-
Utility Vehicle/PRIVATE



PASSED

X

Computer Interfaced
NO MACHINE PRINTOUT REQUIRED

0.64

January 05, 2011

X

March 06, 2011

John Roe E. Palen
John Roe E. Palen
RDMS, Inc.
09070200014045



EURO 2 Emission Standards

No.	Date From	Date To	CO Percentage (%)	Hydro Carbon Rate (ppm)	Opacimeter Limit (k)	Criteria	Reference
1	1/1/2008	12/31/2999	0.5	250	-	Gasoline	Table 3 – DAO 2007-07
2	1/1/2003	12/31/2007	3.5	600	-	Gasoline	Table 3 – DAO 2007-07
3	1/1/1900	12/31/2002	4.5	800	-	Gasoline	Table 3 – DAO 2007-07
4	1/1/2008	12/31/2999	-	-	2.0	Diesel Turbo	Table 4 – DAO 2007-07
5	1/1/2003	12/31/2007	-	-	2.5	Diesel Turbo	Table 4 – DAO 2007-07
6	1/1/1900	12/31/2002	-	-	3.5	Diesel Turbo	Table 4 – DAO 2007-07
7	1/1/2008	12/31/2999	-	-	2.0	Diesel Non Turbo	Table 4 – DAO 2007-07
8	1/1/2003	12/31/2007	-	-	2.0	Diesel Non Turbo	Table 4 – DAO 2007-07
9	1/1/1900	12/31/2002	-	-	2.5	Diesel Non Turbo	Table 4 – DAO 2007-07
10	1/1/2008	12/31/2999	0.5	250	-	Rebuilt Gasoline	Table 5 – DAO 2007-07
11	1/1/2008	12/31/2999	-	-	2.0	Rebuilt - Diesel Turbo	Table 5 – DAO 2007-07
12	1/1/2008	12/31/2999	-	-	2.0	Rebuilt – Diesel Non Turbo	Table 5 – DAO 2007-07
13	1/1/1900	12/31/2002	6	10000	-	Gasoline Motorcycle – Rural	DAO 2003-25 dated June 30, 2003
14	1/1/2003	12/31/2010	4.5	10000	-	Gasoline Motorcycle – Rural	DAO 2003-25 dated June 30, 2003
15	1/1/1900	12/31/2002	6	7800	-	Gasoline Motorcycle – Urban	DAO 2003-25 dated June 30, 2003
16	1/1/2003	12/31/2010	4.5	7800	-	Gasoline Motorcycle – Urban	DAO 2003-25 dated June 30, 2003

2010/12/07



VERTES VFuel installed in UBD223