

INSURANCE CERTIFICATION

美亞產物保險股份有限公司
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CHARTIS 

Date : Oct. 19, 2010

TO WHOM IT MAY CONCERN :

THIS IS TO CERTIFY THAT THE PRODUCT (GREAT GUARD G-367) OWNED
BY GREAT GUARD INDUSTRY CO., LTD. WAS INSURED FROM 12th August
1999 TO 19th October 2010 NO CLAIM HAS BEEN REPORTED DURING THE
PERIOD OF INSURANCE.

CHARTIS TAIWAN INSURANCE CO., LTD.
LIABILITIES GROUP



E 5099

APPROVAL & TEST

ETC Approval

ETC
ELECTRONICS TESTING CENTER, TAIWAN
TEST REPORT

Ind. Ser. No.: ETEBT-12-019-006
Applicant: GREAT GUARD INDUSTRY CO., LTD.
Commodity: GREAT GUARD CAR WHEEL LOCKING SYSTEM
Model: G-367
Quantity: 2 pcs
Date of Testing: Dec. 9, 1996
Testing Item: Low temperature test

Testing Conditions: According to applicant's specifications
Testing temperature: -40°C
Testing duration: 24 hrs
Testing voltage: 12-15Vdc
Measure the function examination before and after low temperature storage

Measuring Environment: Temp 21°C · R.H. 60%

Testing Equipment:

NAME	MODEL
T. A. H. CHAMBER	TABAR PL-45

Testing Result:

Item	Lock	Unlock	Change code	Visual
Function check	Normal	Normal	Normal	Normal

Signature
Dept. Manager

2-1

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2-2

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2-2

ITRI Approval

Wan-an No-1 G-367 Automobile 4-Wheel
Locking Anti-Theft System
Test Report
F80L197

Prepared For
Great Guard Industry Co., Ltd.
May, 1991



Mechanical Industry Research Labs. ITRI

- 4.4 Heat resistance test: to switch on/off the control unit continuously at an ambient temperature of 00°C for 72 hours and to apply an impact load of 100kgf/cm² to the unit whenever the main valve is closed.
- 4.5 Durability test: to switch on/off the control unit at room temperature for 50,000 times continuously and to apply an impact load of 100 kgf/cm² to the unit whenever the main valve is closed.
- 4.6 Press-button facility test: to randomly choose one button and press-and-release the button for 450,000 times continuously.
- 4.7 Pressure resistance test: to keep the main valve in an on state and apply an impact load of 100kgf/cm² to the valve set for 50,000 times continuously.
5. Test Results
- 5.1 The results obtained in accordance with 4.1 show no signs of oil leakage or damage on the valve set.
- 5.2 The control unit functions normally under the test conditions in 4.2.
- 5.3 The control unit functions normally under the test conditions in 4.3.
- 5.4 The control unit functions normally and indicates no signs of oil leakage or damage under the test conditions in 4.4.
- 5.5 The control unit functions normally and indicates no signs of oil leakage or damage under the test conditions in 4.5.
- 5.6 The press-button facility functions normally in accordance with the test conditions in 4.6.

1. Introduction

For verifying the performance of the Wan-an No.1 G-367 Automobile 4-Wheel Locking Anti-Theft System. Mechanical Industry Research Laboratories was commissioned by Great Guard Industry Co., Ltd to make pressure, temperature, durability, press-button, and impact tests.

2. Test Specimen

Great Guard Industry Co., Ltd provides one Wan-an NO.1 G-367 Automobile 4-Wheel Locking Anti-Theft System for tests.

3. Testing Apparatus

The pressure test stand and the low temperature test cabinet are provided by Mechanical Industry Research Laboratories; other equipments for high temperature, durability tests etc are offered by Great Guard Industry Co., Ltd.

4. Test Methods

- 4.1 Pressure test: to apply a pressure of 700kgf/cm² to the valve set for 30 minutes (including the main valve oil tube and joint).
- 4.2 Low temperature test: to switch on/off the control unit continuously at an ambient temperature of -30°C for 30 minutes.
- 4.3 High temperature test: to switch on/off the control unit continuously at an ambient temperature of 150°C for 30 minutes.

- 5.7 The valve set shows no signs of oil leakage or damage under the test conditions in 4.7.

Remark:

- (1) This test report is valid only for the test specimen.
(2) The test specimen comprises of a control unit, a valve set, and a press-button facility. The valve set is incorporated into the control unit.

AWARD



Invention Achievement Award



Germany Invention Award



**Research and invention award
from President of R.O.C.**



Germany Invention Award



Chinese Taipei Inventor award



The first brand award of Taiwan



Outstanding Inventor Award



Asia-Pacific Outstanding Award



**Golden invention award
from President of R.O.C.**



**National Invention Award
Of R.O.C**



Consumer Golden Medal Award



Germany Invention Award