



METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE

REGIONAL R&D SERVICE DEPARTMENT (TAICHUNG)

Testing Laboratory
1090

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DUST & WATER PROTECTION TEST REPORT



Page 1 of 2

Application No.: SC97304 (E)

Received date: May. 19, 2008

Applicant: APEX DYNAMICS, INC.

Sampler: APEX DYNAMICS, INC.

Job description: IP67 dust and water protection test

Sample name: Planetary Gear boxes

Test date: Water – May. 19, 2008
Dust – May. 22, 2008

Test place: Metal Industries Research & Development Center
Regional R&D Service Department (Taichung)
No. 25, 37th road, Industrial park, Taichung, R.O.C.


Date issued: May. 30, 2008

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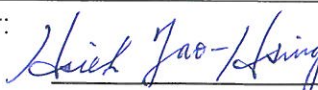
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Report Authorized Person:


Chen-Ping Ho

Inspector:


Hsieh Yao-Hsing

Revision No.: 0



1、Test according to:

IEC 60034-5 : 2000

Degrees of protection provided by the integral design of rotating electrical machines (IP Code)-
Classification

2、Test equipment:

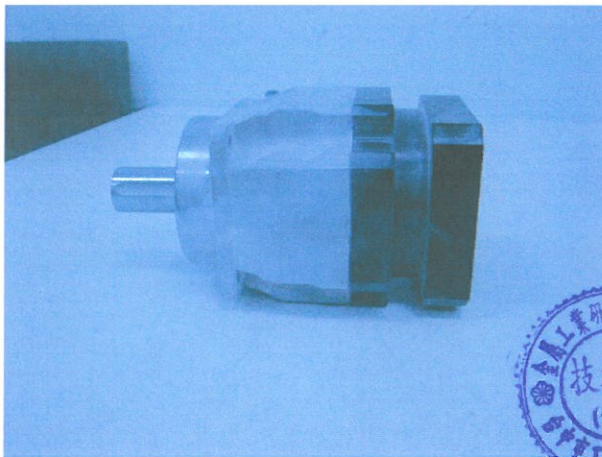
- (1) Dust Protection Test Equipment
- (2) Water Protection Test Equipment

3、Test items & contents:

- (1) IP6X Test : Under pressure, 2 hr continued.
- (2) IPX7 Test : The EUT was immersed 1 meter under the water for 30 minutes.

4、Results:

- (1) IP6X test: Pass
- (2) IPX7 test: Pass



Front view of EUT



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