

EC DECLARATION OF CONFORMITY

We declare that the product, series 3610KL, identified with the "CE" mark, meets all relevant requirements of the European Directive:

2004/108/EC

Compliance was demonstrated to the following specifications:

- **EMISSIONS**
To standard EN61000-6-3: 2007
- **IMMUNITY**
To standard EN61000-6-2: 2005
- **ESD**
To standard EN61000-4-2: 2001
- **FAST BURST TRANSIENTS**
To standard EN61000-4-4: 2005

For and on behalf of NMB-Minebea European Group Companies



Mr. Chris GREAVES
Applications Engineering Manager

11 June 2009

When this file was originated in 1997 the following standards were used in order to demonstrate compliance.

EMISSION	EN50081	~	1987
IMMUNITY	EN50082	~	1992
ESD	IEC 801-2		
FAST BURST TRANSIENTS	IEC 801-4 (DC PORT)		

However, standards change through time, and as of 2007/Feb, the following standards were considered current

EMISSION	EN61000-6-3	2002
IMMUNITY	EN61000-4-3	2003
ESD	EN61000-4-2	2001
FAST BURST TRANSIENTS	EN61000-4-4	2002
MAG. FIELD IMMUNITY	EN61000-4-8	2001

I the undersigned, therefore, hereby declare that the products listed on page 14 of this report comply with the relevant European standards at the time of compliance. Individual test data or supporting data should be referred to in order to know the actual standard used.

Signed: 
Chris Greaves
European Applications Engineer

Date: 9th February 2007

MANUFACTURING SITES:

The fans are manufactured in identically tooled production lines and using identically tooled piece parts in:

**Karuizawa Address: Minebea Matsushita Motor Corporation
(Formerly Minebea Co Ltd)
4106-73 Oaza Miyota
Miyota Machi
Kitasaku Gun
Nagano-Pref 389-01
Japan**

**China Address: Minebea Electronics & Hi-Tech Components Ltd
Shanghai Factory
No 8313 Hu Qing Ping Road,
Xicen Town,
Qingpu County
Shanghai 201721
China**

**USA Address: NMB Technologies
7307 S Harl Avenue
Suite #3
Tempe
Arizona 85283
USA**

Special purpose fans not related to the above are manufactured at :-

**Sendai Address: NMB Electro Precision Inc
5-8- 4 Ogimachi
Miyagino - Ku
Sendai,
Miyagi 983-0034
Japan**

BRAND NAMES

NMB uses and has rights in the following marks:-

- **Boxer ®**
- **Flowmax ®**
- **NMB**
- **Minebea**
- **NMB-MAT**

LIST OF COMPLIANT D C FANS

1004KL-01W-B1Z	To	B5Z-YY
1004KL-04W-B1Z	To	B5Z-YY
1204KL-01W-B1Z	To	B5Z-YY
1204KL-04W-B3Z	To	B5Z-YY
1404KL-01W-B1Z	To	B5Z-YY
1604KL-04W-B1Z	To	B5Z-YY
1606KL-01W-B1Z	To	B5Z-YY
1606KL-04W-B1Z	To	B8Z-YY
1606KL-05W-B1Z	To	B5Z-YY
1608KL-01W-B1Z	To	B5Z-YY
1608KL-04W-B1Z	To	B5Z-YY
1608KL-05W-B1Z	To	B5Z-YY
1611KL-04W-B1Z	To	B5Z-YY
1611KL-05W-B1Z	To	B5Z-YY
1910RL-04W-B4Z	Only	
2004KL-01W-B1Z	To	B5Z-YY
2004KL-04W-B1Z	To	B5Z-YY
2004KL-05W-B1Z	To	B5Z-YY
2006FL-04W-B1Z	To	B6Z-YY
2006FL-05W-B1Z	To	B6Z-YY
2006ML-04W-B1Z	To	B2Z-YY
2106KL-01W-B1Z	To	B5Z-YY
2106KL-04W-B1Z	To	B5Z-YY
2106KL-05W-B1Z	To	B5Z-YY
2404KL-04W-B1Z	To	B5Z-YY
2404KL-05W-B1Z	To	B5Z-YY
2406GL-01W-B1Z	To	B6Z-YY
2406GL-04W-B1Z	To	B6Z-YY
2406GL-05W-B1Z	To	B6Z-YY
2406KL-04W-B1Z	To	B5Z-YY
2406KL-05W-B1Z	To	B5Z-YY
2406ML-04W-B2Z	Only	
2408NL-01W-B1Z	To	B6Z-YY
2408NL-04W-B1Z	To	B6Z-YY
2408NL-05W-B1Z	To	B6Z-YY
2408NL-09W-B1Z	To	B6Z-YY
2410ML-01W-B1Z	To	B7Z-YY
2410ML-04W-B1Z	To	B8Z-YY
2410ML-05W-B1Z	To	B8Z-YY
2410ML-09W-B1Z	To	B7Z-YY
2410RL-04W-B1Z	To	B7Z-YY
2410RL-05W-B1Z	To	B7Z-YY
2415KL-04W-B1Z	To	B8Z-YY
2806FL-01W-B1Z	To	B7Z-YY
2806FL-04W-B1Z	To	B7Z-YY
2806FL-05W-B1Z	To	B7Z-YY
2806GL-04W-B1Z	To	B7Z-YY
2806KL-04W-B1Z	To	B8Z-YY

Issue 23 22 March 2007

LIST OF COMPLIANT D C FANS Cont'd....

2810FL-04W-B56-HS1	and	HS2
2810KL-01W-B1Z	To	B7Z-YY
2810KL-04W-B1Z	To	B7Z-YY
2810KL-04W-S1Z	To	S3Z-YY
2810KL-05W-B1Z	To	B7Z-YY
3106KL-01W-B1Z	To	B5Z-YY
3106KL-04W-B1Z	To	B8Z-YY
3106KL-05W-B1Z	To	B5Z-YY
3108NL-04W-B1Z	To	B5Z-YY
3108NL-05W-B1Z	To	B5Z-YY
3110GL-B4W-B1Z	To	B74-YY
3110KL-04W-B1Z	To	B8Z-YY
3110KL-05W-B1Z	To	B8Z-YY
3110KL-09W-B1Z	To	B7Z-YY
3110RL-04W-B1Z	To	B8Z-YY
3110RL-05W-B1Z	To	B8Z-YY
3112KL-01W-B1Z	To	B5Z-YY
3112KL-04W-B1Z	To	B6Z-YY
3112KL-05W-B1Z	To	B6Z-YY
3112KL-07W-B1Z	To	B4Z-YY
3610FL-04W-B56-HS2	Only	
3610KL-04W-B1Z	To	B6Z-YY
3610KL-04T-B1Z	To	B6Z-YY
3610KL-05W-B1Z	To	B6Z-YY
3610KL-05T-B1Z	To	B5Z-YY
3610KL-09W-B1Z	To	B5Z-YY
3610ML-04W-B1Z	To	B5Z-YY
3610ML-04T-B1Z	To	B5Z-YY
3610ML-05W-B1Z	To	B5Z-YY
3610ML-05T-B1Z	To	B5Z-YY
3610NL-04T-B1Z	To	B5Z-YY
3610NL-04W-B1Z	To	B5Z-YY
3610NL-05T-B1Z	To	B5Z-YY
3610NL-05W-B1Z	To	B5Z-YY
3610RL-04W-B1Z	To	B5Z-YY
3610RL-05W-B1Z	To	B5Z-YY
3612KL-04W-B1Z	To	B6Z-YY
3612KL-04T-B1Z	To	B5Z-YY
3612KL-05W-B1Z	To	B5Z-YY
3612KL-05T-B1Z	To	B5Z-YY
3615KL-04W-B1Z	To	B9Z-YY
3615KL-05W-B1Z	To	B5Z-YY
3615ML-04W-B1Z	To	B7Z-YY

Issue 20 22 March 2007

LIST OF COMPLIANT D C FANS Cont'd....

4710NL-04T/W-B1Z	To	B5Z-YY
4710NL-05W-B1Z	To	B5Z-YY
4710NL-05T-B1Z	To	B5Z-YY
4710KL-04W-B1Z	To	B5Z-YY
4710KL-05W-B1Z	To	B5Z-YY
4710KL-07W-B1Z	To	B5Z-YY
4712KL-04W-B1Z	To	B5Z-YY
4712KL-04T-B1Z	To	B5Z-YY
4712KL-05W-B1Z	To	B5Z-YY
4712KL-05T-B1Z	To	B5Z-YY
4712KL-07W-B1Z	To	B5Z-YY
4712KL-07T-B1Z	To	B5Z-YY
4715KL-04W-B1Z	To	B8Z-YY
4715KL-04T-B1Z	To	B5Z-YY
4715KL-05W-B1Z	To	B5Z-YY
4715KL-05T-B1Z	To	B5Z-YY
4715KL-07W-B1Z	To	B5Z-YY
4715KL-07T-B1Z	To	B5Z-YY
4715SL-04W-B1Z	To	B7Z-YY
4715SL-04T-B1Z	To	B7Z-YY
4715SL-05W-B1Z	To	B7Z-YY
4715SL-05T-B1Z	To	B7Z-YY
4715SL-07W-B1Z	To	B7Z-YY
4715SL-07T-B1Z	To	B7Z-YY
5910PL-04W-B1Z	To	B7Z-YY
5910PL-05W-B1Z	To	B7Z-YY
5910PL-07W-B1Z	To	B7Z-YY
5920PL-04W-B1Z	To	B7Z-YY
5920PL-04T-B1Z	To	B7Z-YY
5920PL-05W-B1Z	To	B7Z-YY
5920PL-05T-B1Z	To	B7Z-YY
6820PL-04W-B1Z	To	B7Z-YY
6820PL-04T-B1Z	To	B7Z-YY
6820PL-05W-B1Z	To	B7Z-YY
6820PL-05T-B1Z	To	B7Z-YY
6820PL-07W-B1Z	To	B7Z-YY
6820PL-07T-B1Z	To	B7Z-YY