

IMPORTANT INFORMATION FOR OWNERS AND USERS OF TOWER CRANES

A BRIEF GUIDE
TO THE EC
DECLARATION OF
CONFORMITY

January 2009
(valid until 31/12/09)



The EC Declaration of Conformity is the written document required to accompany all goods sold in the EU using the CE mark. This Guide is intended to remove some confusion which may exist about the contents of this EC Declaration of Conformity as it applies to Tower Cranes, by providing an example plus an explanation.



LIEBHERR



POTAIN 

 **TEREX**

WOLFFKRAN

EC DECLARATION OF CONFORMITY

Black type: obligatory, what you should always see

Blue type: recommended best practice though not obligatory

Business name and full address of the manufacturer, or

Name and address of the manufacturer's authorised representative established in the EC & the business name and address of the manufacturer

Hereby declares that the below mentioned machine:

Description of the machinery:

Make / brand

Type / model

Serial number

Is in accordance with:

Machinery Directive

■ 98/37/EC modified and the corresponding national regulations

As well as to the following other Directives and the corresponding national regulations:

Noise Directive

■ 2000/14/EC modified

Electro-Magnetic Compatibility Directive

■ 89/336/EC modified (after 20 July 2009: 2004/108)

Low Voltage Directive

■ 2006/95/EC

Concerning 2000/14/CE, technical documentation is held at [address], the conformity assessment procedure is [procedure identification], the notified body involved is [name of independent testing organisation]. Measured sound power level: [a value measured in dBA] and guaranteed sound power level: [a value measured in dBA].

Clear identification of the person empowered to sign on behalf of the manufacturer or its authorised representatives, plus the person's title.

A signature, a date and a place.

EC DECLARATION OF CONFORMITY

Black type: obligatory, what you should always see

Blue type: recommended best practice though not obligatory

Business name, or

Name and address of the authorised representative established in the EC & the business name and address of the manufacturer

The idea of commitment or engagement is important.

Hereby declares that the below mentioned machine:

Description of the machinery:

Make / brand

Type / model

Serial number

The 'CE' mark is not necessary on the declaration, but should be clearly visible on the machine itself. However, a 'CE' marked machine without a declaration is not enough.

All 3 Directives are necessary for Tower Cranes.

A user can be held responsible for buying a new crane which does not comply to the valid Directives.

The letters may change due to translations in national languages but the numbers should always be these, otherwise the certificate is only declaring conformity to out-of-date Directives.

At the moment, some new Directives are replacing existing ones.

For Electromagnetic Compatibility, Directives 89/336/EC or 2004/108/EC are both valid until 20 July 2009. After that date, the only valid reference will be 2004/108/EC.

For the Machinery Directive, the reference 98/37/EC will be replaced by 2006/42/EC after 29 December 2009. After that date the reference to 98/37/EC will no longer be valid.

98/37/EC modified and the corresponding national regulations

Corresponding national regulations:

- 2000/14/EC modified
- 89/336/EC modified (after 20 July 2009: 2004/108)
- 2006/95/EC

Declared at [address], the conformity assessment procedure is [name of independent testing organisation]. Measured guaranteed sound power level: [a value measured in dBA].

On behalf of the manufacturer or its authorised representatives,

A signature, a date and a place.

The original copy should be signed (an electronic signature is also valid). Be sure to have a copy and keep it safe: it is an integral part of the machine.

ADDITIONAL COMMENTS FOR VERIFICATION BODIES

Black type: obligatory, what you should always see

Blue type: recommended best practice though not obligatory

In addition to checking the EC Declaration of Conformity, look for:



→ **The Instruction Manual (obligatory)**

- The instruction manual should, amongst other things, contain information and / or copies of certificates for original ropes and hook-blocks.
- On tower cranes, the instruction manual and/or commercial information should contain information on the design standards* used as well as the out-of-service wind-speed standards** used to calculate the stability of the crane.



→ **The crane's Maintenance log book (not obligatory in all countries, but good practice)**



→ **Due to the interchangeable parts used on tower cranes, it is also good practice to buy from a *Tower Crane* Manufacturer who is certified to ISO 9001 although this document may not be supplied with the crane.**

* the most common ones being DIN 15018 or FEM 1.001. In the future you may also see European 'EN' standards.

** the most common ones being DIN 15019, FEM 1.001 or FEM 1.005. In the future you may also see European 'EN' standards.