

Questions and answers

Machinery Directive 2006/42/EG



Question:

Are the Nordson products subject to the provisions of the Machinery Directive?

Answer:

- *Not all Nordson products are subject to the provisions of the Machinery Directive.*
- *All adhesive melters are machines in the sense of Article 2a of the Machinery Directive.*
- *The applicators are partly completed machines in the sense of Article 2g of the Machinery Directive.*
- *Heated hoses and control cabinets are not subject to the provisions of the Machinery Directive. The CE symbol and the declaration of conformity supplied with the equipment refer to the*
 - * Low Voltage Directive 2006/95/EC*
 - and / or*
 - * Electromagnetic Compatibility Directive 2004/108/EC*

Question:

Has a transitional period been allowed for the implementation?

Answer:

- *NO, the former Directive 98/37/EC applied until 28.12.2009. From 29.12.2009, the conformity has to be certified in accordance with the new Directive 2006/43/EC.*
- *Nordson ensures that this deadline is observed when distributing the products.*

Question:

What is a "CE Declaration"?

Answer:

- *There is no such thing as a "CE Declaration". This expression is occasionally used colloquially, however, as a synonym for the "EC Declaration of Conformity" because a product is generally also granted a "CE symbol" in conjunction with the EC Declaration of Conformity.*

Question:

Do the data on the rating plate have to be translated into the official language(s) of the country of use?

Answer:

- *NO, the requirement outline in the Machinery Directive Annex 1, point 1.7.1, refers to safety instructions and warnings that have to be attached to the machine.*

Question:

Does Nordson have to pass on the risk assessment to the customer?

Answer:

- *The risk assessment in accordance with Annex I of the Machinery Directive 2006/42/EC forms part of the technical documentation.*
- *It must be kept available for presentation of the responsible authority, on demand.*
- *The risk assessment does not form part of the machine manufacturer's scope of supply.*

Question:

Has Nordson appointed a documentation officer, and what duties does he have?

Answer:

- *The expression "documentation officer" is not used in the Machinery Directive.*
- *The Machinery Directive requires the indication of the name and address of the "person authorised to compile the documentation".*
- *This person is the contact partner for national bodies in the event of investigations and is named on the declaration of conformity and the declaration of incorporation.*

Question:

A customer receives an adhesive melter, a hose and an applicator from Nordson. He installs these components and puts them into operation. Does the customer thus become the manufacturer of a new machine?

Answer:

- YES, but if the components are installed according to the instructions in the manual, no additional hazards are created. The components installed in this way can be put into operation.

Question:

A defective component on an adhesive melter (e.g. a pump) is replaced with an original Nordson part because the old part is defective. Does the customer or the Nordson service technician thus become a manufacturer?

Answer:

- NO, a person who carries out repairs does not become a manufacturer in the sense of the Machinery Directive. Defective parts are simply replaced with equivalent parts. The function of the machine is not changed as a result.

Question:

A pump on an adhesive melter is replaced with another Nordson pump in order to boost the delivery rate. Does the customer or the Nordson service technician thus become a manufacturer?

Answer:

- NO, although the function is changed in this case, it does not constitute a major modification as the different pump does not result in an increased hazard.
- Problem: If the customer orders the adhesive melter again with the P/N shown on the rating plate, he will get an adhesive melter with the "old" pump. For this reason this modification should be carried out as an upgrade kit. A different rating plate and modification documentation is supplied.

Question:

A customer receives an adhesive melter, a hose and an applicator as part of a trade-in order from Nordson. He installs these components in his production machine and puts them into operation. Does the customer thus become the manufacturer of a new machine?

Answer:

- YES, but if the scope of functions is not changed or extended with the trade-in parts compared with the "old" parts, then this does not constitute a major modification.
- The installation and commissioning of the trade-in parts must be carried out as instructed in the manual. No additional hazards are then created.

Question:

The function of an adhesive melter is to be extended, e.g. using a corresponding kit from Nordson. Does the customer or the Nordson service technician thus become a manufacturer?

Answer:

- YES, but if the components are installed according to the instructions in the manual, no additional hazards are created. The components installed in this way can be put into operation.

Question:

A customer receives an adhesive melter and a hose from Nordson and wishes to operate these with an applicator head from a competitor. Does the customer thus become the manufacturer of a new machine?

Answer:

- YES. The customer has to draw up a risk assessment for the "new" machine resulting from this assembly of the components and carry out the conformity assessment in accordance with the Machinery Directive.
- Nordson assumes no liability for any damage caused by this machine.

Question:

An adhesive melter from Nordson's laboratory stock is to be loaned to a customer for tests. The melter was modified for this application, e.g. the use of larger pumps and a different power supply voltage. What has to be taken into consideration before the melter is shipped?

Answer:

- *This constitutes a major modification - a new machine has been created. All the activities as for a new machine have to be carried out for this machine, in particular:*
 - + *Risk assessment*
 - + *Conformity assessment*
 - + *Compilation of the technical documentation*
 - + *Drawing up of the declaration of conformity*
 - + *Attachment of a (modified) rating plate.*

Question:

What duties does a manufacturer have in accordance with the Machinery Directive 2006/42/EC?

Answer:

- *Article 5 of the Machinery Directive clearly describes the manufacturer's obligations:*
- *Before placing machinery on the market and/or putting it into service, the manufacturer shall:*
 - a) *Ensure that the machinery satisfies the relevant health and safety requirements set out in Annex I;*
 - b) *Ensure that the technical documentation referred to in Annex VII Part A is available;*
 - c) *Provide, in particular, the necessary information, such as operating manual;*
 - d) *Carry out the appropriate procedures for assessing conformity in accordance with Article 12;*
 - e) *Draw up the EC Declaration of Conformity in accordance with Annex II Part 1, Section A and ensure that it accompanies the machinery;*
 - f) *Affix the CE marking in accordance with Article 16.*