



Conformity with the new Machinery Regulation EU 2023/1230

(including the corrigendum to the regulation EU 2023/1230 from 04.07.2023).

Since June 14, 2023, the new Machinery Regulation has been published and will replace the current Machinery Directive 2006/42/EC in Europe. The Machinery Regulation specifies a 42-month transition period and the change from Directive to Regulation will take place on the effective date of [January 20, 2027](#). All machinery placed on the market or put into service before January 20, 2027 must be still CE marked in accordance with the Machinery Directive 2006/42/EC.

From January 20, 2027, the CE marking of machinery or assessment of partly completed machinery will be mandatory under the Machinery Regulation EU 2023/1230.

WHAT IS NEW?

Many requirements of the Machinery Regulation are only described in more detail and more clearly. But there are also some changes in content compared to the Machinery Directive of 2006. The requirements for functional safety have been expanded (e.g., software). In addition, there are also the aspects of cyber security and artificial intelligence. Safety requirements for autonomous (mobile) machines have been added.

The obligations of the economic operators (manufacturer, authorized representative, importer and distributor) are described in Chapter II of the regulation.

Those are presented very clearly for the individual economic operators in separate articles.

Annex I of the regulation lists the machines for which a special conformity assessment procedure is prescribed. This list is now divided into:

- Part A (obligatory involvement of a notified body) and a
- Part B (procedure as for 2006/42/EC, Annex IV machinery).

The diagram shows the possible conformity assessment procedures for the various categories of machinery.

All other machinery and related products	Machinery or related products listed in Annex I		
	Category Annex I, part B (e.g. Presses, Woodworking, Injection Molding, ...)		Category Annex I, part A (6 Categories including e.g. Vehicle lifts, Safety-Systems containing self-evolving behavior, ...)
	Full compliance to harmonized standards	No only partly compliance to harmonized standards	
	a) Module B (Annex VII) EC Type Examination AND Module C (Annex VIII) Conformity to Type Based on Internal Production Control b) Module H (Annex IX) Full Quality Assurance c) Module G (Annex X) Unit Verification		
Module A (Annex VI) Internal Production Control Voluntary testing by TÜV Rheinland and Certificate of Conformity possible	Involvement of a Notified Body mandatory (e.g. TÜV Rheinland LGA Products GmbH) CE with Number of Notified Body (e.g. CE 0197 TÜV Rheinland LGA Products GmbH or CE 1008 TÜV Rheinland Intercert (Hungary))		

The modules for the conformity assessment procedures (Annexes VI - XI) are strictly aligned with the NLF (New Legislative Framework) of the EU.

In terms of content, nothing relevant has changed in the procedures „Internal production control“, „EC type examination“ and „Full quality assurance“.

The module for „Type based conformity with internal production control“ is new. This procedure is carried out by the manufacturer on his own responsibility and based on the EC type examination.

For complex, customer-specific machines, the module „individual testing“ has been introduced. Here, the Notified Body tests and certifies an individual machine whereupon the serial number of the machine is listed on the certificate.

Use the transition period to adapt your machinery and processes in accordance with Regulation EU 2023/1230. At TÜV Rheinland, we will be happy to carry out the testing of your current machinery in accordance with the essential health and safety requirements of Annex III and additionally, we offer you the option of having Annex III of the Machinery Regulation tested already for new machine developments. Talk to us today!

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