



## *The New NR-12: main changes*

**In May 2019**, the government announced a plan to reduce bureaucracy and optimize regulations for companies, with the aim of improving the lives of companies and, as a consequence, generating income and jobs.

On July 30, 2019, Ordinance 916 was published.



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#### **PORTARIA Nº 916, DE 30 DE JULHO DE 2019**

Altera a redação da Norma Regulamentadora n.º 12 - Segurança no Trabalho em Máquinas e Equipamentos.

O SECRETÁRIO ESPECIAL DE PREVIDÊNCIA E TRABALHO DO MINISTÉRIO DA ECONOMIA, no uso das atribuições que lhe conferem o inciso V do art. 71 do Decreto n.º 9.745, de 08 de abril de 2019, resolve:

Art. 1º A Norma Regulamentadora n.º 12 (NR-12) - Segurança no Trabalho em Máquinas e Equipamentos, passa a vigorar com a redação constante do Anexo desta Portaria.

<http://www.in.gov.br/en/web/dou/-/portaria-n-916-de-30-de-julho-de-2019-208028740>

As a result, the NR 12 that was in force since Dec 2018 was changed and becomes valid the text that is in this ordinance.

In the study carried out by the Economic Policy Secretariat (SPE) of the Ministry of Economy, it points out that the revision of NR-12 could reduce up to R \$ 43.4 billion in costs for the industry aggregate, reflecting an increase between 0.5% and 1 % of industrial production. See what's changed:

- The new NR-12 saw an approximate 19% reduction in the number of requirements, from 504 to 410.
- Of the 504 requirements contained in the previous NR-12, 123 were revoked and 381 maintained.
- There are 123 items unless they enabled a possible assessment, notification, etc.
- 29 items were added in the new NR-12 (2019), however, there are 7 new requirements and 22 items for clarification or that allows the use of alternative measures, which we consider to be advantageous.
- Regarding manufacturers, integrators and used machines, the NR-12 safety conditions and principles were maintained.
- Regarding machines manufactured, exported or imported: they will be in agreement if they are in compliance with the ABNT ISO 13.849 (Machine safety - control systems) and Robotic System in accordance with ABNT ISO 10.218, ISO / TS 15.066 and others Standards.
- Regarding the number of installed machines: used will be in agreement if they meet the principles of NR-12; if it complies with National or International Technical Standard or in accordance with Harmonized European Standards, at the time of manufacture or adequacy.
- Regarding the state of the art - possibility of using alternative measures not provided for in NR-12: at the time of construction of the machine, the characteristics of the machine and no requirement for adequacy if the machine meets the principles of NR-12 and is adequate technical standard in force at the time of manufacture, import or adaptation.
- Regarding ergonomic aspects - there was a reduction in requirements. For work on machinery and equipment, the provisions contained in Regulatory Standard No. 17 - ERGONOMICS must be respected.
- Regarding the machines and equipment dispensed from NR-12: machines and equipment classified as household appliances; static equipment; portable tools and transportable tools (semi-stationary) and machines certified by INMETRO.
- Regarding the glossary, standard body and annexes - the changes will represent a huge cost reduction for the machine's safety systems.
- Regarding electrical installations - the application of the item was restricted to the electrical circuits of command and power of the machine and the possibility of series connection, from the same safety interface.
- Risk assessment gains greater relevance in the adoption of machine safety measures, including the adoption of alternative solutions.
- Changed concept of Inventory -> List of machines (Inventory of machines with drawings representing the location of each machine is no longer mandatory. That is, the company can only maintain an updated list of machines).
- The obligation of NR should not be retroactive, as long as it meets the technical standards of the time.

## **IN 1/2019 was published together**

This Normative Instruction makes changes to IN 129/2017 that provided labor tax agents with the possibility of granting a period of up to 12 months.

IN 129/2017 was valid until Jan/11 / 2020.

With this IN 1/2019 the validity period has passed to 30 / jul / 2021, providing another breath (without assessments in the granted period, if there is a concession) for those who are not yet meeting the standard.

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E-mail: [contato@re9sist.com.br](mailto:contato@re9sist.com.br)

Fone: +55 19 9 9797-1283

RE9 SOLUCAO INTEGRADA DE SEGURANCA DO TRABALHO LTDA.

CNPJ: 34.364.765/0001-22

Rua Maranhão, N°82 – Vila Brasil

CEP: 13451-082 / Santa Bárbara d'Oeste – SP