

Machinery Regulation 2023/1230

VS

Machinery Directive 2006/42/EC

Expert Group on Machinery

22 October 2026

Re-citation of harmonised standards



*Directorate-General for Internal Market,
Industry, Entrepreneurship and SMEs*

DG GROW H.2 Machinery, Equipment & AI Unit

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GAP analysis assessment (almost finalised, but still ongoing)

- **Only new EHSRs** in the Machinery Regulation were considered (or significantly modified ones)
- If the **current harmonised standard** under Machinery Directive is still considered to be OK, it can in principle be re-cited under the Machinery Regulation
- Focus and identification strictly limited to **completely new** or **significantly updated** Essential Health and Safety Requirements compared to current Machinery Directive
- In other words: **almost all current harmonised standards cited under the Machinery Directive** will be re-cited under the Machinery Regulation
- **Restrictions as** appropriate in relation to the completely new or significantly updated Essential Health and Safety Requirements



CEN-CENELEC gap-analysis tool (1)

Relevant =

Please indicate 'YES' for these new or modified Essential Health and Safety Requirements (EHSRs) which are relevant for your harmonised standard (hEN) which is cited in OJEU for the machinery directive.

Covered =

Please indicate "YES" for those new/modified EHSRs that have been marked in the previous question as relevant for this hEN [that is cited under the Machinery Directive], but that are already covered by this hEN.

FILL ONLY IF question 'Relevant' is replied with YES

Subclause =

Please indicate the reference of corresponding subclauses in the standard

FILL ONLY IF questions 'Relevant' and 'Covered' are replied with YES

Hints =

Hints for the user of the table (based on the understanding of the MR by the task-force experts)

New or modified ESHR#	«Annex III Part/ clause»	Text (Requirements)	Relevant ☐ YES ☐ NO	Covered ☐ YES ☐ NO	Subclause 	Hints
1	Part B section 1	General principles				
	Last §	The risk assessment and risk reduction shall include hazards that might arise during the lifecycle of the machinery or related product that are foreseeable at the time of placing the machinery or related product on the market as an intended evolution of its fully or partially self-evolving behaviour or logic as a result of the machinery or related product designed to operate with varying levels of autonomy.				Hints: The application of these general principles does not need to be explicitly mentioned in the standard. Nevertheless, hazards related to the result of update or self evolving behaviour of the control system shall be considered during the intended lifetime of the machine or related product
2	1.1.2.	Principles of safety integration				
	(e)	Machinery or related products shall be designed and constructed in such a way that it is possible for the user, where applicable, to test the safety functions.				

CEN-CENELEC gap-analysis tool (2)

7	1.3.7.	Risks related to moving parts	Relevant ☐ YES ☐ NO ⬇	Covered ☐ YES ☐ NO ⬇	Subclause
		The prevention of risks of contact leading to hazardous situations and the psychological stress that may be caused by the interaction with the machinery shall be adapted to:	Hints: This is related to collaborative applications		
	a)	human-machine coexistence in a shared space without direct collaboration;			
	b)	human-machine interaction.			
8	1.6.2.	Access to operating positions and servicing points	Relevant ☐ YES ☐ NO ⬇	Covered ☐ YES ☐ NO ⬇	Subclause
		In the case of machinery into which persons shall enter for operation, adjustment, maintenance or cleaning, the machinery accesses shall be dimensioned and adapted for the use of rescue equipment in such a way that a emergency rescue of the persons is possible.	Hints: This applies to all machinery, including those with operating cabins (such as excavators, harvesters, cranes, mobile machinery with cabs...)		
9	1.7.4.2.	Contents of the instructions for use	Relevant ☐ YES ☐ NO ⬇	Covered ☐ YES ☐ NO ⬇	Subclause
	1	Instructions for use shall contain, where applicable, at least the following information:			
	(c)	the EU declaration of conformity, or the internet address or machine readable code, where the EU declaration of conformity can be accessed, in accordance with Article 10(8);	Hints: Not to be addressed in the standard		
	(u)	With respect to noise reduction machinery or related products, the instructions for use shall specify, where appropriate, how to correctly assemble and install that equipment (see also section 1.7.4.2(1), point (j)).			
	(v)	information on the necessary precautions, devices and means for the immediate and gentle rescue of persons;			
	(x)	where the design of machinery or related products allows emissions of hazardous substances from the machinery or related product, the characteristics of the capturing, filtration or discharge device if such device is not provided with the machinery or related product, and any of the following:			
	(i)	the flow rate for the emission of hazardous materials and substances from the machinery or related product;			
	(ii)	the concentration of hazardous materials or substances around the machinery or related product coming from the machinery or related product or from materials or substances used with the machinery or related product;			

Output gap-analysis delivered by the Technical Committees in CEN-CENELEC

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1	date	tc	norme	Part B_rel	Part B_cov	Part B_ref	1.1.2. Prin	1.1.2. Prin	1.1.2. Principles of safety integration_ref	1.1.6. Ergc	1.1.6. Ergc	1.1.6. Ergc	1.1.9 Prote	1.1.9 Prote	1.1.9 Protecti
2	2025-03-12	CEN/TC 136	EN 957-6:2010 and A1:2014	no			yes	yes	6.5	no			no		
3	2026-02-04	CEN/TC 144	EN 13684:2018 and A1:2024	no			yes	no		yes	yes	5.8.1, 5.8.2	no		
4	2025-12-04	CEN/TC 147	EN 12077-2:2024	no			no			no			no		
5	2026-03-31	CEN/TC 147	EN 17076:2020 and A1:2025	no			yes	yes	9.4	yes	yes	5.1.5, 6.5,	yes	no	
6	2026-04-14	CEN/TC 147	EN 13001-3-1:2025	no			no			no			no		
7	2026-04-07	CEN/TC 150	EN 1459-1:2025	no			yes	no		yes	no		yes	no	
8	2026-04-08	CEN/TC 150	EN 1459-5:2020 and A1:2025	no			yes	yes	4.8	yes	yes	Clause 4.1	yes	no	
9	2026-04-08	CEN/TC 150	EN 1459-4:2020 and A1:2025	no			no			no			no		
10	2025-11-04	CEN/TC 153	EN 13534:2006 and A1:2010	no			yes	yes	7.1 d)	yes	no		yes	no	
11	2025-11-04	CEN/TC 153	EN 13570:2005 and A1:2010	no			yes	yes	7.2	yes	yes	5.2.3.3.3,	no		
12	2025-07-04	CEN/TC 242	EN 15700:2023	yes	yes		4	yes	4,5,6,7	yes	yes	1 (= auton	yes	no	
13	2025-10-17	CEN/TC 271	EN 12621:2025	no			yes	no		yes	no		yes	no	
14	2025-10-17	CEN/TC 271	EN 1953:2025	no			yes	no		no			no		
15	2025-11-26	CEN/TC 274	EN 12312-4:2024	no			yes	yes	Multipartstandard; (e) is covered in EN 19	yes	yes	(b) is cove	no		
16	2026-04-07	CEN/TC 274	EN 12312-5:2021 and A1:2025	yes	yes	5.1	yes	yes	Multipartstandard; (e) is covered in EN 19	yes	yes	(b) is cove	no		
17	2026-04-07	CEN/TC 274	EN 12312-15:2020 and A2:2025	yes	yes	5.1	yes	yes	Multipartstandard; (e) is covered in EN 19	yes	yes	(b) is cove	no		
18	2025-04-02	CEN/TC 301	EN 17003:2021	yes	no		yes	no		no			yes	no	
19	2025-12-10	CEN/TC 33	EN 12978:2024	no			yes	yes	5, 6, 2007	no			yes	no	
20	2026-02-04	CEN/TC 98	EN 1494:2000 and A1:2008	yes	no		no			yes	no		yes	no	
21	2025-06-16	CLC/TC 116	EN 62841-2-1:2018 and A1:2022 and A11:2019 and A12:2022	no			yes	yes	8.14.2 a) 7), 8.14.2 b) 1)	no			yes	yes	21.36, 21.37
22	2025-06-16	CLC/TC 116	EN 62841-2-2:2014 and AC:2015	no			yes	yes	8.14.2 a) 7), 8.14.2 b) 1)	no			yes	yes	21.36, 21.37
23	2025-06-16	CLC/TC 116	EN 62841-2-4:2014 and AC:2015	no			yes	yes	8.14.2 a) 7), 8.14.2 b) 1)	no			yes	yes	21.36, 21.37
24	2025-06-26	CLC/TC 116	EN 62841-2-5:2014	no			no			no			yes	yes	21.36, 21.37
25	2025-06-26	CLC/TC 116	EN 62841-2-8:2016	no			yes	yes	8.14.2 a) 7), 8.14.2 b) 1)	no			yes	yes	21.36, 21.37
26	2025-06-26	CLC/TC 116	EN 62841-2-9:2015 and AC:2016-10	no			yes	yes	8.14.2 a) 7), 8.14.2 b) 1)	no			yes	yes	21.36, 21.37
27	2025-06-26	CLC/TC 116	EN 62841-2-10:2017	no			no			yes	yes	8.14.2 a) 7)	yes	yes	21.36, 21.37



Example 1 re-citation under MR

EN 1005-2:2003+A1:2008

Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery

Restrictions:

This harmonised standard does not confer a presumption of conformity with the general principles concerning:

a) prevention or reduction of risks from hazards that might arise during the lifecycle of the machinery or related product that are foreseeable at the time of placing the machinery or related product on the market as an intended evolution of its fully or partially self-evolving behaviour or logic as a result of the machinery or related product designed to operate with varying levels of autonomy; and

b) appropriate risk assessment and risk reduction for risks resulting from interactions between assemblies of machinery, or partly completed machinery, when arranged and controlled so that they function as an integral whole.

Moreover, this harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in the following points and covering:

1.3.7. Risks related to moving parts;

1.6.2. Access to operating positions and servicing points;

1.7.4.2. Contents of the instructions for use;

4.1.2.3. Mechanical strength in case of reasonably foreseeable misuse.



Example 2 re-citation under MR

EN 1417:2023

Plastics and rubber machines - Two-roll mills - Safety requirements

Restrictions:

This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in the following points and covering:

1.1.6. Ergonomics;

1.1.9. Protection against corruption;

1.2.1. Safety and reliability of control systems, second paragraph, point (f), and self-evolving control systems, third paragraph, points (a), (b) and (c);

1.2.6. Failure of the power supply or communication network;

1.3.7. Risks related to moving parts;

1.7.4.2. Contents of the instructions for use.

Thank you

For further information:

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