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AMENDMENT 1
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Earth-moving machinery — Machine safety labels — General principles

AMENDMENT 1

*Engins de terrassement — Étiquetage de sécurité de la machine —
Principes généraux*

AMENDEMENT 1

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Foreword

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ISO 9244-1:2008/Amd. 1 was prepared by ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 2, *Safety, ergonomics and general requirements*.

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AMENDMENT 1

Page 7, 4.7.3

Replace 4.7.3 and [Figure 5](#), including the figure title, with the following:

4.7.3 Communicating “do not” messages

4.7.3.1 Hazard avoidance pictorials are often used to communicate, in graphical form, one or more of the following types of “do not” messages:

- a specific action that should not be taken, because taking the action can result in a hazardous situation;
- a specific location that should be avoided, because being in the location can result in a hazardous situation;
- a specific activity that should be avoided, because engaging in the activity can result in a hazardous situation.

4.7.3.2 The “do not” messages are communicated graphically by means of a red diagonal cross placed over the pictorial for the action that should not be taken, the location that should be avoided, or the activity that should be avoided. The red diagonal cross is shown in [Figure 5](#). The red diagonal cross is the safety-related application of IEC 60417-6287, which has the general meaning of negation in accordance with IEC 80416-1.

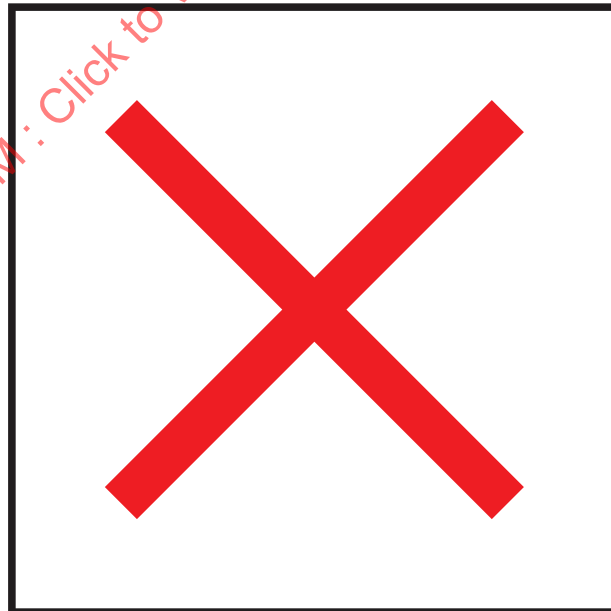


Figure 5 — Red diagonal cross

4.7.3.3 Sizing of the red diagonal cross depends on how it is used with a particular pictorial. It is important that the red diagonal cross is sufficiently large to be easily recognized, but care shall be taken to avoid obscuring any critical detail of the pictorial. The red diagonal cross may be placed over

the entire pictorial or over only the portion of the pictorial that represents the specific action, location, or activity to be avoided.

4.7.3.4 The red prohibition symbol (circle with diagonal bar; see also D.9.2) may be used to communicate a “do not” message, provided that the requirements of ISO 3864-1, ISO 3864-2, and ISO 3864-3 for prohibition safety signs are adhered to.

Page 8, 4.7.5

Replace 4.7.5 and [Figure 7](#), including the figure title, with the following:

4.7.5 Combined pictorials

In specific circumstances, a hazard description pictorial and a hazard avoidance pictorial may be combined in a single panel. An example is shown in [Figure 7](#).



Figure 7 — Combined pictorial in a single panel

Page 10, [Table 1](#)

Replace [Table 1](#), including the table title, with the following:

Table 1 — Colour regions: chromaticity coordinates and luminance factor of ordinary materials

Colour region		Corner points of colour region CIE Standard illuminant D65 CIE 2° standard colorimetric observer				Luminance factor β	
		1	2	3	4	Minimum	Maximum
Red	x	0,705	0,592	0,574	0,663	0,07	0,20
	y	0,295	0,291	0,351	0,337		
Orange	x	0,603	0,538	0,508	0,563	0,21	
	y	0,397	0,382	0,412	0,436		
Yellow	x	0,475	0,538	0,470	0,427	0,45	0,70
	y	0,525	0,462	0,424	0,472		
White	x	0,350	0,295	0,285	0,340	0,75	
	y	0,360	0,305	0,315	0,370		
Black	x	0,385	0,300	0,260	0,345		0,03
	y	0,355	0,270	0,310	0,295		

Page 11, 5.3.4

Revise 5.3.4 to read as follows:

5.3.4 The diagonal cross specified in 4.7.3 shall be red. See Annex D for more information.

Page 33, Annex B

Replace [Figure B.13](#) with the following:

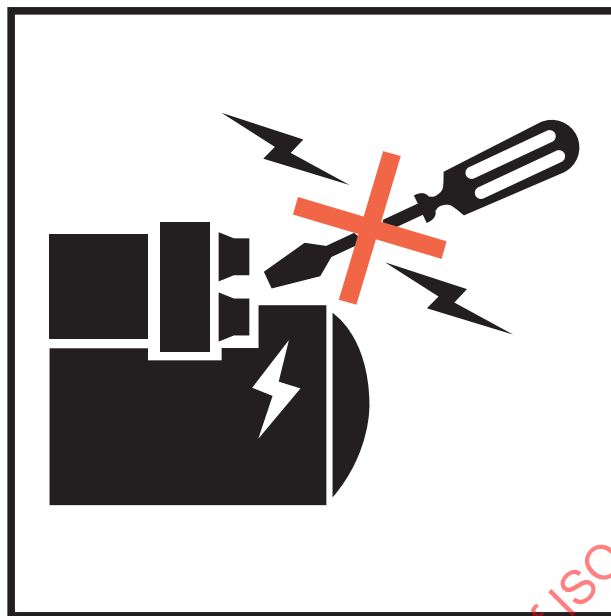


Figure B.13 — Do not jump start engine

Page 34, Annex B

Replace [Figure B.15](#) with the following:



Figure B.15 — Do not ride on fender

Replace [Figure B.16](#) with the following:



Figure B.16 — Do not reach into crushing area

Replace [Figure B.17](#) with the following:



Figure B.17 — Do not stand under bucket

Page 35, Annex B

Replace [Figure B.18](#), including the figure title, with the following:



Figure B.18 — Do not loosen cap when hot

Page 35, Annex B

Revise the title of B.10 to the following:

“Do not” messages

Replace [Figure B.19](#) with the following:



Figure B.19 — Do not step

Replace [Figure B.20](#) with the following:



Figure B.20 — No hands

Replace [Figure B.21](#) with the following:



Figure B.21 — No feet