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AMENDMENT 1

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ISO/TC 127/SC 3

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Earth-moving machinery — Symbols for operator controls and other displays —

Part 2:

Symbols for specific machines, equipment and accessories

iTeh STANDARD PRE VIEW
(stAMENDMENT 1: Additional symbols

Engins de terrassement — Symboles pour les commandes de https://standards.iteh.av.atalog standards.sist d 1 8 8 8 cc - 3 1d - 4 ccd - a 2 d 9 -

ab12 Partie 2: Symboles spécifiques aux engins, équipements et accessoires

AMENDEMENT 1: Symboles supplémentaires

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This document was prepared by Technical Committee ISO/TC 127, Earth-moving machinery, Subcommittee SC 3, Machine characteristics, electrical and electronic systems, operation and maintenance.

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Earth-moving machinery — Symbols for operator controls and other displays —

Part 2:

Symbols for specific machines, equipment and accessories

AMENDMENT 1: Additional symbols

Clause 1

Add the following note after NOTE 2:

NOTE 3 Certain graphical symbols specified in this document can be available within the scope of ISO/TC 82 and of ISO/TC 195/SC 3.

Clause 8 iTeh STANDARD PREVIEW

Add the following symbols after 8.14: (standards.iteh.ai)

	Graphical symbol https://standards.	ISO 6405- Syniboltitle land description iteh.ai/catalog/standards/sist/d15838cc-33fd-4ccd-a2d9-	ISO/IEC registration number
8.15	a a	Track-type machine (overhead view of machine) To identify the track-type industrial tractor from an overhead (plan) view of the machine. Use as a symbol element in the development of related symbols.	ISO 7000-3756
8.16		Track-type machine, left track, forward or reverse To identify the control that moves the left track of the machine in either the forward or the reverse direction.	ISO 7000-3757
8.17		Track-type machine, right track, forward or reverse To identify the control that moves the right track of the machine in either the forward or the reverse direction.	ISO 7000-3758

Clause 14
Add the following symbols after 14.26:

	Graphical symbol	Symbol title and description	ISO/IEC registration number
14.27		Grader blade, float	ISO 7000-3731
		To identify the control that allows the grader blade to move up and down with the contour of the ground.	
		To indicate that the blade is in the float condition.	
		This symbol is viewed from the perspective of a person looking forward along the longitudinal axis of the machine.	
	i	Teh STANDARD PREVIEW	
14.28	Г	Grader blade left side float iteh.ai)	ISO 7000-3759
		To identify the control that allows the grader blade left side to move up and down with the contour of the	
	https	SEAVEN dis. iteh.ai/catalog/standards/sist/d15838cc-33fd-4ccd-a2c	9-
		To indicate that the blade left side is in the float condition.	
		This symbol is viewed from the perspective of a person looking forward along the longitudinal axis of the machine.	
14.29		Grader blade, right side, float	ISO 7000-3760
		To identify the control that allows the grader blade right side to move up and down with the contour of the ground.	
		To indicate that the blade right side is in the float condition.	
		This symbol is viewed from the perspective of a person looking forward along the longitudinal axis of the machine.	

Clause 16
Add the following symbols after 16.35:

	Graphical symbol	Symbol title and description	ISO/IEC registration number
16.36		Excavator (overhead view of machine); excavator, upper structure, swing	ISO 7000-3761
		To identify the excavator from an overhead view.	
		To identify the control that swings the excavator upper structure either left or right.	
		To indicate the operational status of the upper structure swing function.	
		This symbol is viewed from the perspective of a person looking at the excavator from above the machine.	
		Use as a base symbol for developing excavator symbols that use an overhead (plan) view.	
		Curved directional arrows may be added to this symbol to emphasize control of upper structure swing.	
16.37		Excavator, upper structure, swing left	ISO 7000-3762
	Eli∰eh	To identify the control that swings the upper struc-	
		ture to the left. To indicate that the upper structure is swinging to the left.	
	https://standard	This symbol is viewed from the perspective of a person doking at the excavator from above the machine.	
16.38		Excavator, upper structure, swing right	ISO 7000-3763
	7	To identify the control that swings the upper structure to the right.	
		To indicate that the upper structure is swinging to the right.	
		This symbol is viewed from the perspective of a person looking at the excavator from above the machine.	

Clause 17
Add the following symbols after 17.7:

	Graphical symbol	Symbol title and description	ISO/IEC registration number
17.8	Г	Cable excavator (side view of machine)	ISO 7000-3764
		To identify the cable excavator from a side (profile) view.	
17.9		Cable excavator dipper	ISO 7000-3765
		To identify the equipment used on the cable excavator to dig or scoop material.	
		To identify the control for operation of the dipper.	
17.10		Cable excavator dipper, raise or lower	ISO 7000-3766
		To identify the control that raises or lowers the dipper of the cable excavator.	
		To indicate that the dipper is being raised or lowered.	
17.11		Cable excavator dipper, raise ten.ai)	ISO 7000-3767
	D#	To identify the control that raises the dipper of the cable excavator 6405-2:2017/FDAmd 1	
		systandards.iteh.ai/catalog/standards/sist/d15838cc-33fd-4ccd-a2cd To indicate that the dipper is being raised or is in the raised (up) position.	9-
17.12		Cable excavator dipper, lower	ISO 7000-3768
		To identify the control that lowers the dipper of the cable excavator.	
		To indicate that the dipper is being lowered or is in the lowered (down) position.	
17.13	Г	Cable excavator dipper, extend or retract	ISO 7000-3769
		To identify the control that extends or retracts the dipper of the cable excavator.	
		To indicate that the dipper is being extended or retracted.	
17.14	Г	Cable excavator dipper, extend	ISO 7000-3842
		To identify the control that extends the shovel dipper away from the machine and increases the reach of the shovel.	
		To indicate that the dipper is being extended or is in the extended (out) position.	
17.15		Cable excavator dipper, retract	ISO 7000-3843
		To identify the control that retracts the shovel dipper toward the machine and reduces the reach of the shovel.	
		To indicate that the dipper is being retracted or is in the retracted (in) position.	

	Graphical symbol	Symbol title and description	ISO/IEC registration number
17.16		Cable excavator, lower and extend	ISO 7000-3770
	1	To identify the control that simultaneously lowers and extends the dipper of the electric rope shovel.	
		To indicate that the dipper is being simultaneously lowered and extended.	
17.17	1	Cable excavator, raise and retract To identify the control that simultaneously raises and retracts the dipper of the cable excavator.	ISO 7000-3771
		To indicate that the dipper is being simultaneously raised and retracted.	

Clause 18
Add the following symbol after 18.29:

	Graphical symbol	Symbol title and description	ISO/IEC registration number
18.30	Teh	Loader bucket To identify the equipment used to scoop, carry, and dump material. To identify the control for operation of the loader bucket. ISO 6405-2:2017/FDAmd 1	ISO 7000-1437B

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Clause 26

Add the following clause after Clause 25:

26 Drill symbols

	Graphical symbol	Symbol title and description	ISO/IEC registration number
26.1		Drill bit	ISO 7000-3844
		To identify the drill bit used on earth-moving and mining machines.	
		To identify the control for operations of the drill bit.	
		To indicate the operational status of the drill bit.	
		Use as a symbol element in the development of related symbols.	
26.2		Drill oil	ISO 7000-3845
		To indicate the fill point for drill oil.	
		To identify the container for drill oil.	
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26.3	「 ┌─┐ [¬]]	Drill bit, extend DARD PREVIEW	ISO 7000-3846
		To indicate that the drill bit is extending into the material to be drilled.	
		To identify the control that extends the drill bit into the material to be drilled. with a drilled with the material to be drilled. The material to be drilled.	
26.4		Drill bit, retrace a64/iso-6405-2-2017-fdamd-1	ISO 7000-3847
		To identify the control that retracts the drill bit.	
		To indicate that the drill bit is retracting away from the material.	
26.5		Drill bit, auto retract	ISO 7000-3848
	Ц	To identify the control that automatically retracts the drill bit out of the hole.	
	LAUTO J	To indicate that the automatic drill bit retract mode is enabled.	
26.6		Drill system, automatic operation active	ISO 7000-3849
	Щ	To identify the control that enables the automatic mode of drill system.	
	L AUTO	To indicate that the automatic mode for the drill system is active.	
26.7	\	Drill system, automatic operation off or inactive	ISO 7000-3850
		To identify the control that disables the automatic mode for the drill system.	
	AUTO	To indicate that the automatic mode for the drill system has been turned off or is inactive.	