



**INTERNATIONAL STANDARD ISO 5707:1996
TECHNICAL CORRIGENDUM 1**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Milking machine installation — Construction and performance

TECHNICAL CORRIGENDUM 1

Installations de traite mécanique — Construction et performances

RECTIFICATIF TECHNIQUE 1

iTeh STANDARD PREVIEW

Technical Corrigendum 1 to International Standard ISO 5707:1996 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*.

[ISO 5707:1996/Cor 1:1997](https://standards.iteh.ai/catalog/standards/sist/4e185d28-f7a7-4ffd-924b-0e4ef746b221/iso-5707-1996-cor-1-1997)

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Page 1

Clause 1

Replace the second paragraph with the following:

"This International Standard is applicable to milking machines intended for milking cows and water buffaloes. The qualitative requirements also apply to installations for milking sheep and goats or other mammals used for milk production."

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Clause C.3, Note 2

Replace "6 l/min" with "6".

ICS 65.040.10

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Descriptors: agricultural machinery, livestock equipment, mechanical milking installation, construction, specifications, performance, operating requirements, dimensions, marking, instructions.

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Table C.3 and table C.4

Replace "Tableau" with "Table" in the titles.

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Replace the existing equation (C.7) with the following equation (C.7):

$$q_m = 0,23 \sqrt{(q_t^2 + 7,8 \times 10^{-5} s d^5)} - 0,23 q_t \quad \dots(C.7)$$

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Table C.6, line c)

Replace "dead-end" with "dead-ended".

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Replace the existing table C.7 with the following table C.7:

Table C.7 — Maximum number of units per slope for parlours — Attachment rate of 10 s and peak flow milking rate of 5 l/min per cow

Nominal internal diameter mm	Maximum number of units			
	Slope, %			
	0,5	1	1,5	2
a) Careful operator and looped milklines (i.e. design limit of 100 l/min transient air admission for the installations equal to 50 l/min transient air admission per slope)				
48,5	3	4	6	7
60	6	9	11	15
73	10	19	¹⁾ (20)	¹⁾ (23)
98	¹⁾ (25)	¹⁾ (48)	¹⁾	¹⁾
b) Careful operator and dead-ended milklines or typical operators and looped milklines (i.e. design limit of 100 l/min transient air admission per slope)				
48,5	2	3	4	5
60	4	7	10	12
73	9	16	(25)	¹⁾ (21)
98	¹⁾ (22)	¹⁾ (43)	¹⁾	¹⁾
c) Typical operator and dead-ended milklines (i.e. 200 l/min transient air admission)				
48,5	1	2	3	4
60	3	5	7	9
73	6	11	17	25
98	30	¹⁾ (34)	¹⁾ (58)	¹⁾
1) An unlimited number of milking units and the figures in parentheses indicate the maximum number of units at a mean attachment rate of 5 s per slope.				