

Second edition
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AMENDMENT 1
2018-11

**Hydraulic fluid power — Filters —
Multi-pass method for evaluating
filtration performance of a filter
element**

AMENDMENT 1

*Transmissions hydrauliques — Filtres — Évaluation des
performances par la méthode de filtration en circuit fermé*
AMENDEMENT 1

[ISO 16889:2008/Amd 1:2018](https://standards.iso.org/standards/catalog/standards/sist/8cebd994-5e7a-43a9-90cf-3cceb023b9cb/iso-16889-2008-amd-1-2018)

<https://standards.iso.org/standards/catalog/standards/sist/8cebd994-5e7a-43a9-90cf-3cceb023b9cb/iso-16889-2008-amd-1-2018>



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This document was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 6, *Contamination control*.

ISO 16889:2008/Amd 1:2018
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AMENDMENT 1

Page 2, Clause 2 Normative references and D.1 and footnote 3

Update

ISO 11171:1999

to

ISO 11171:2016.

Page 2, Clause 2 Normative references and D.4.1

Update

ISO 11943:1999

to

ISO 11943:2018. <https://standards.iteh.ai/catalog/standards/sist/8cebd994-5e7a-43a9-90cf-3cceb023b9cb/iso-16889-2008-amd-1-2018>

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Page 2, Clause 2 Normative references and 6.3

Update

ISO 12103-1:1997

to

ISO 12103-1:2016.

Page 8, 8.1.7

Replace Table 4 with the following:

Table 4 — Particle size versus acceptable cumulative particle counts per millilitre

Particle size	Acceptable cumulative particle counts per millilitre ^a					
	Test condition 1		Test condition 2		Test condition 3	
	(3 mg/L)		(10 mg/L)		(15 mg/L)	
µm(c)	min.	max.	min.	max.	min.	max.
4	5,180	7,160	17,300	23,900	25,900	35,800
5	3,170	4,140	10,600	13,800	15,800	20,700
6	2,110	2,730	7,030	9,090	10,500	13,600
7	1,400	1,840	4,670	6,130	7,010	9,200
8	933	1,300	3,110	4,330	4,660	6,500
10	421	680	1,400	2,270	2,100	3,400
12	217	434	723	1,450	1,080	2,170
14	121	307	405	1,020	607	1,530
15	94,9	253	316	845	474	1,270
18	39,0	118	130	394	195	591

^a The minimum and maximum values were obtained by Bezier cubic spline interpolation of the results of an international round robin for ISO 11943 conducted in 2015 and rounded off to 3 significant figures.

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