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**AMENDMENT 1**  
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**Representation of results of particle  
size analysis —**

Part 4:  
**Characterization of a classification  
process**

**AMENDMENT 1: Additional explanations  
and minor corrections**

*Représentation de données obtenues par analyse granulométrique —*

*Partie 4: Caractérisation d'un processus de triage*

*AMENDEMENT 1: Explications supplémentaires et corrections  
mineures*



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This document was prepared by Technical Committee ISO/TC 24, *Particle characterization including sieving*, Subcommittee SC 4, *Particle characterization*.

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# Representation of results of particle size analysis —

## Part 4:

## Characterization of a classification process

### AMENDMENT 1: Additional explanations and minor corrections

#### *Whole document*

Replace “density distribution” with “distribution density”.

#### *2.1 Symbols for specific terms, Table 1*

Add “, Partial classification efficiency” after “Grade efficiency” in the Term column for the symbol  $T$ .

In the last line, replace the symbol  $\phi$  with  $\varphi$ .

#### *3.2.1 Mass and number balance in the size range from $x_{\min}$ to $x_{\max}$*

Add the following paragraph above the last paragraph:

The relative amounts are mass ratios  $v_{3,f} = m_f/m_s$ ,  $v_{3,c} = m_c/m_s$  or number ratios  $v_{0,f} = n_f/n_s$ ,  $v_{0,c} = n_c/n_s$ .

#### *3.3.2 The equiprobable cut size, $x_e$ , the median of the grade efficiency curve*

In the last sentence of the first paragraph, delete the word “weighed” before the word “feed”.

#### *3.5.3 Parameters derived from cumulative distribution curves*

In the first sentence of the first paragraph, replace  $Q_{r,0}(x)$  with  $Q_{r,s}(x)$ .

#### *A.1 General*

In the first sentence of the first paragraph, replace “clause 4” with “Clause 3”.

In the fourth paragraph, add “by Herrmann and Leschonski<sup>[5]</sup>” before “in Figure A.1”.

A.3 *The evaluation of the grade efficiency curve,  $T(x)$ , from erroneous cumulative size distribution*

In Formulae A.11 and A.12, replace the minus (-) sign with a plus (+) sign.

Replace formula number (13) with (A.13).

*Bibliography*

Replace Reference [2] with the following and delete the footnote:

[2] ISO 9276-2:2014, *Representation of results of particle size analysis — Part 2: Calculation of average particle sizes/diameters and moments from particle size distributions*

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