

Proposed amendments to SANS 3001-CO3-2 and 3 – NOV 2023

Note: The corrections and modifications in the text are indicated by underlining the relevant portions. The comments and explanations are *italicized* and are enclosed in ‘{}’.

A. Amendments required in SANS 3001-CO3 -2: 2015 (OPI)

1. **Clause 7.5:** *The expression:*

$$\frac{\sum \left[\ln \left(\frac{P_0}{P_t} \right) \right]^2}{\sum \left[\ln \left(\frac{P_0}{P_t} \right) t \right]}$$

needs to be corrected to:

$$z = \frac{\sum \left[\ln \left(\frac{P_0}{P_t} \right) \right]^2}{\sum \left[\ln \left(\frac{P_0}{P_t} \right) t \right]}$$

Explanation: {The ‘z’ term is missing from the expression and needs to be added}

B. Amendments required in SANS 3001-CO3 -3: 2015 (CCI)

1. **Clause 5.1:** *The molarity of the test solution is incorrect. The clause needs to be modified from:*

“5.1 Add 2,93 kg of NaCl (salt) to a container large enough to contain more than 10 L of water.”

to:

“5.1 Add 3,40 kg of NaCl (salt) to a container large enough to contain more than 10 L of water.”

Explanation: {The molarity using 2,93 kg of NaCl amounts to 4,4M, not 5M. Note however that this will make little practical difference to the results that will have been obtained to date.}
