

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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NANOMANUFACTURING – KEY CONTROL CHARACTERISTICS –

Part 6-13: Graphene powder – Oxygen functional group content: Boehm titration method

CORRIGENDUM 1

Document title

Replace "Part 6-13: Graphene powder" with "Part 6-13: Graphene-based material".

1 Scope

Under the first bullet, replace "on graphite oxide" with "for powder consisting of graphene-based material like graphite oxide".

3.1.1 General terms

At the end of the subclause, add the following new entry:

3.1.1.6

graphene-based material

GBM

graphene material

grouping of carbon-based 2D materials that include one or more of graphene, bilayer graphene, few-layer graphene, graphene nanoplate, and functionalized variations thereof as well as graphene oxide and reduced graphene oxide.

Note 1 to entry: "Graphene material" is a short name for graphene-based material.

5.1.4 Titration of the filtrate

In item c), last sentence, delete three instances of $V_{\text{NaOH},2}$ as follows:

"Record the volume V (HCl) of titrant acid corresponding to the second end-point as V_{A0} , V_{A1} , V_{B0} , V_{B1} , V_{C0} , V_{C1} , V_{D0} , V_{D1} and V_E , respectively."