

Amendment 1: Test on gases evolved during combustion of materials from cables

Part 1: Determination of the halogen acid gas content

Amendment No. 1

International adoption identical

Publishing and Approval Dates

Council of Standards Australia Approval: 12 October 2021

New Zealand Standards Approval Board Approval: 6 October 2021

Published: 29 October 2021

Summary

This Amendment applies to the following elements:

- Front cover
- Preface
- Amendment 1

Amendment Details

AS/NZS IEC 60754.1:2017 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction/New text
Front cover	After "IEC 60754-1:2011" <i>add</i> the following: IEC 60754-1:2011/Amd 1:2019 (Incorporating Amendment No. 1)
Preface	<ol style="list-style-type: none"> After first paragraph, <i>add</i> the following: <i>Amendment No. 1 to this Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-003, Electric Cables and Wires.</i> Delete third paragraph and <i>replace</i> with the following: This Standard is an identical with, and has been reproduced from IEC 60754-1:2011 (ED. 3.0), <i>Test on gases evolved during combustion of materials from cables, Part 1: Determination of the halogen acid gas content</i> and its Amendment No. 1 (2019) which has been added at the end of the source text.
Amd 1 (new)	After Bibliography, <i>add</i> the following Amendment 1 (2019):

FOREWORD

This amendment has been prepared by IEC technical committee 20: Electric cables.

The text of this amendment is based on the following documents:

FDIS	Report on voting
20/1882/FDIS	20/1891/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

Add at the end of the first paragraph, the following new dashed item:

- *Part 3: Measurement of low level of halogen content by ion chromatography*

5.4 Combustion boats

In the last paragraph, replace the sentence "The combustion boat shall then be weighed to an accuracy of 0,1 mg" with the following new text:

The combustion boat shall then be weighed with an analytical balance in mg, rounded to one decimal figure, with an accuracy as described in 5.7.

5.6 Air supply system

Replace the second and third paragraphs, including the NOTE with the following:

The flow rate of air, ρ , shall be $20 \text{ m/h} \times (\pi/4) \times D^2 \times 10^{-3}$ with a tolerance of $\pm 10 \%$, where D is the internal diameter of the quartz tube.