



**INTERNATIONAL ELECTROTECHNICAL COMMISSION SYSTEM FOR
CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR USE
IN EXPLOSIVE ATMOSPHERES (IECEx SYSTEM)**

Title: US Proposals concerning application of IEC 62784, Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts – Particular requirements

To: **Members of the IECEx Management Committee, ExMC**

Introduction

This document contains proposals from the US concerning the recently published IEC 62784 Standard and its applicability to the IECEx Certified Equipment Scheme and is issued for consideration during the 2017 ExMC Washington meeting.

IECEx Secretary

Address:

Level 33, Australia Square
264 George Street
Sydney NSW 2000
Australia

Contact Details:

Tel: +61 2 4628 4690
Fax: +61 2 4627 5285
e-mail: info@iecex.com
<http://www.iecex.com>

September 6, 2017

VIA E-MAIL TRANSMISSION

Mr. Chris Agius
IECEX Secretariat
c/o IEC Central Office
3, rue de Varembe
P.O. BOX 131
CH-1211 Geneva 20, Switzerland

Subject: USNC/IECEX Comment Regarding ExMC Agenda Item 8.12, Consideration of new Standard IEC 62784 (ExMC/1290/CD)

Dear Mr. Agius:

The USNC/IECEX provides the following proposal related to ExMC Agenda item 8.12.

Clause 8.12

Inclusion of IEC 62784, *Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts – Particular requirements*, within the scope of the IECEx Product Certification Scheme

Edition 1.0 of IEC 62784 was published in July 2017 and a scope increase for inclusion of this standard was submitted shortly thereafter by a US ExCB/ExTL. At the same time, a request by the IECEx ExTAG WG01 convenor for approval of a draft ExTR for this standard was made to the working group. However, the consensus of the WG was that a decision needed to be made by ExMC regarding the inclusion of this standard.

The USNC has confirmed with the IEC SC 61J JWG-1, now disbanded, and TC61/SC61J/MT 62784 convenor that the intent was for IEC 62784 to be covered under the IECEx scope.

Therefore, the USNC/IECEX proposes that the IECEx ExMC make the following decisions:

- All product certificates to IEC 62784 shall be made under the IECEx Scheme, not the IECEx Scheme.
- Request ExTAG, in consultation with TC61/SCJ/MT 62784, to create a decision sheet clarifying that IECEx Scheme ExTRs and CoCs issued to IEC 62784 shall include only the explosion hazards from IEC 60335-2-69 and not fire and shock hazards. The ExTAG DS shall list those clauses from IEC 60335-2-69 that address explosion hazards.

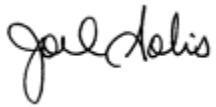
NOTE: This will align the approach for Clause 4.2 1) of IEC 62784 with the approach taken for Clause 6.1 b) of IEC 60079-0 for IECEx Product Certification certificates.

- ExCBs/ExTLs requesting a scope increase for IEC 62784 shall be additionally assessed for their ability to apply the proposed ExTAG DS.

Upon acceptance of the USNC/IECEX proposal, a related proposal will be made for a CMC decision in the IECEE Scheme.

Thank you for your attention to this matter. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Delis". The signature is written in a cursive style with a large initial "J" and "D".

Secretary, USNC/IECEX