Herstellererklärung
Manufacturer´s Declaration

Dokument Nr. / *Document No.* 11407436_01

Wir / *we* Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

erklären, dass das Produkt
declare that the product

X-plore 8000 Rucksacktragesystem
X-plore 8000 Backpack carrying system

mit den folgenden Anforderungen übereinstimmt
and is in compliance with the following requirements

The backpack carrying system (part number 3717360) has been independently assessed and tested for the suitability to use in explosive atmospheres. The below tables are the English translations of the ones in the according test report (343431700c-24ExA-MiM). The backpack carrying system fulfils the following requirements, provided that processes that generate a strong charge can be safely excluded.

Compliance with the requirements according to IEC/TS 60079-32-1:2013+AMD1:2017 for explosion group II - Gases and vapours with subgroups:

	Zone 0 / EPL Ga			Zone 1 / EPL Gb			Zone 2 / EPL Gc		
	IIA	IIB	IIC	IIA	IIB	IIC	IIA	IIB	IIC
Backpack Carrying system	✓	✓	✓	✓	✓	✓	✓	✓	✓

Compliance with the requirements according to IEC/TS 60079-32-1:2013+AMD1:2017 for explosion group III - Dusts with subgroups:

	Zone 20 / EPL Da		Zone 21 / EPL Db		Zone 22 / EPL Dc	
	IIIA/IIIB	IIIC	IIIA/IIIB	IIIC	IIIA/IIIB	IIIC
Backpack Carrying system	✓	○*	✓	○*	✓	○*

○* *The charging behaviour in the presence of conductive dusts of explosion group IIIC can change considerably, as these provide additional charge capacity. For this reason, the suitability for conductive dusts can only be verified to a limited extent in laboratory tests. If conductive dusts of explosion group IIIC are present, an individual assessment must be carried out by the user to determine whether the use of the backpack carrying system is possible.*

Torben Hiller

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Torben Hiller
Approval Engineer – Ex Protection
Product Compliance / Central Functions 2

Approval Protocol: n/a