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Issuing authority Person responsible: NMi Certin B.V. C. Oosterman

Applicant and Manufacturer

Total Control Systems 2515 Charleston Place, Fort Wayne, IN 46805, Unites states of America.

Identification of the certified type

A gas extractor

Type: TCS-745-xx, TCS-748-xx and TCS-749-xx

Characteristics

See page 2

This OIML Certificate is issued under scheme B

This Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML Type Evaluation Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R 117-1 (2007) "Dynamic measuring systems for liquids other than water"

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above. This Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Type Evaluation Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1

15 April 2019

Øosterman

Head Certification Board

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OIML Certificate



OIML Member State The Netherlands

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The conformity was established by the results of tests and examinations provided in the associated report(s):

No. NMi-1901787-01 dated 04 October 2018 that includes 20 pages.

Characteristics of the gas extractor

In Table 1 the general characteristics of the measuring instrument are presented.

The construction of the measuring instrument is recorded in the Documentation folder no. TC8875-1.

Table 1 General characteristics

Maximum pressure	10,5 bar(g)	
Intended for the measurement of	Low viscosity mineral oils with a maximum viscosity of 5 mPa·s	

Table 2 Flow characteristics of mechanical model of the gas extractor

Туре	Qmax [L/min]	Diameter In-/Outlet [mm]	Effective volume [L]	Remarks
TCS-745-20	568	20	9,8	
TCS-745-30	1136	30	9,8	

Table 3 Flow characteristics of electronic model of the gas extractor

Туре	Qmax [L/min]	Diameter In-/Outlet [mm]	Effective volume [L]	Remarks
TCS-748-20	568	20	3,7	(1)
TCS-748-30	1136	30	4,3	(1)
TCS-748-40	2271	40	8,3	(1)
TCS-749-20	568	20	9,8	(1)
TCS-749-30	1136	30	9,8	(1)



