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EC Unit Verification

Certificate of Conformity

No. DK0199-G-015

Issued by: DELTA Danish Electronics, Light & Acoustics
EC - Notified Body No. 0199

In accordance with the requirements for the automatic weighing instruments in Directive 2004/22/EC (MID) of the European Parliament and Council of March 31, 2004.

Issued to: Haldor Topsoe A/S
Heimdalsvej 4
3600 Frederikssund
Denmark

Type/Model: One automatic gravimetric filling instrument designed for filling big bags with catalyst pills. It comprises of a weighing controller and indicator type Mettler Toledo ID7 (D93-09-108), a bin load receptor suspended in three Mettler Toledo load cells type 777 C3 with 100 kg capacity (TC5281) and associated mechanical handling facilities.

The Unit Verification was established by examination of documentation and by tests performed on 06th October 2014, referred to in the Descriptive Annex of this Certificate, and at the following place of installation:

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Signatory: J. Hovgård

Descriptive Annex

1. Introduction

This certificate of EC Unit Verification relates to the tests and examination that were carried out on 06th October 2014 on one automatic gravimetric filling instrument at Haldor Topsoe, Linderupvej 2, 3600 Frederikssund and on examination of the documentation and certificates supplied by the applicant.

2. Description

One automatic gravimetric filling instrument designed for cumulative filling of big bags with catalyst pills. It comprises of a weighing controller and indicator type Mettler Toledo ID7 (D93-09-108), a bin load receptor suspended in three Mettler Toledo load cells type 777 C3 with 100 kg capacity (TC5281) and associated mechanical handling facilities.

The instrument is intended for net filling of big bags with catalyst pills.

The instrument has the following characteristics:

Accuracy class:	X(1)
Filling method:	cumulative filling
Maximum capacity (Max):	200 kg
Minimum capacity (Min):	40 kg
Maximum Fill (MaxFill):	1000 kg
Minimum Fill (MinFill):	400 kg
Verification scale interval:	d = 0.1 kg
Loads/fill:	3-5
Max. weighing speed:	10 fills/hour
EMC class:	E1
Humidity:	Non-condensing
Temperature:	-10 / +40 °C

3. Tests carried out

FORCE Technology calibration certificate: 9.11-36-1455.

Zero-setting (static)

Weighing performance (2 × 10 filling)

4. Identification numbers

Mettler Toledo ID7:	2842089
Load receptor:	Bin w/o type & serial no.
Load cell:	3 pcs. Mettler Toledo 777 C3 100 kg

5. File number

DELTA's file number: T209080.