Certificate

The certification body of TÜV Informationstechnik GmbH hereby awards this certificate to the company

GEHE Pharma Handel GmbH
Neckartalstraße 131
70376 Stuttgart, Germany

to confirm that its process

WAWI Extra

fulfils all requirements of the criteria

TÜViT Trusted Process, Version 1.2

of TÜV Informationstechnik GmbH. The requirements are summarized in the appendix to this certificate.

The appendix is part of the certificate and consists of 5 pages.

The certificate is valid only in conjunction with the evaluation report.

TPCS TÜViT® 2018 Trusted Process

Certificate ID: 5133.18

Zertifikat gültig bis 2020-03-31

Essen, 2018-03-12

Dr. Christoph Sutter
Head of Certification Body

TÜV Informationstechnik GmbH
TÜV NORD GROUP
Langemarckstr. 20
45141 Essen, Germany
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Certification Scheme

The certification body of TÜV Informationstechnik GmbH performs its certification on the basis of the following certification scheme:

- German document: "Zertifizierungsprogramm (nicht akkreditierter Bereich) der Zertifizierungsstelle der TÜV Informationstechnik GmbH", version 1.0 as of 2015-08-24, TÜV Informationstechnik GmbH

Audit Report

- German document: "Prozess: Lager- und Einkaufsoptimierungsprozess WAWI Extra", version 1.01 as of 2018-02-27, TÜV Informationstechnik GmbH

Audit Requirements

- German document: "TÜViT Trusted Process (TPCS)", version 1.2 as of 2017-05-12, TÜV Informationstechnik GmbH

Audit Target

The target of audit is WAWI Extra process of GEHE Pharma Handel GmbH for the optimization of inventories of pharmaceuticals in pharmacies with the aim of reducing merchandise management costs (processing costs for the goods receipt rows, capital costs for financing the warehouse and lost gross profit due to non-delivery capability). WAWI Extra is the successor to WAWI Top, a process to optimize warehousing.

The WAWI Extra process consists of the sub processes:

- Data collection at the pharmacy by consultants of GEHE Pharma Handel GmbH in order to calibrate the WAWI Extra System

- Analysis of the sales and stock figures by access to the merchandise management system of the pharmacy
- Regular proposals for the scheduling in the form of decisions of worthiness of stocking as well as minimum and maximum stocks at the level of packaging
- Regular reporting on the cost development. Among other things, the following metrics are calculated:
    - Average increase in lot size of wholesale pharmaceutical goods in percent,
    - Average reduction in the number of wholesale goods receipt rows of a pharmacy in percent,
    - Average reduction in the merchandise management costs (processing costs for the goods receipt rows, capital costs for financing the warehouse and lost gross profit due to non-delivery capability) of the pharmacy in percent,
    - Average reduction in the number of prescription medicinal products not in stock at the time of customer demand in percent,
    - Average reduction in the number of prescription medicinal products who should be in stock in pharmacy is provided, but which are not in stock at the time of customer demand in percent.

This process is described in the following document: German document: ”Prozessbeschreibung: Prozess WAWI Extra der GEHE Pharma Handel GmbH”, version 1.0 as of 17.02.2017

Audit Result

- The process fulfills the requirements of the criteria of TÜViT Trusted Process (TPCS), Version 1.2.
- The metrics originally calculated using MS SQL Server were recalculated using MS EXCEL and the correctness of the results was verified for the five metrics.
  TÜV Informationstechnik GmbH has determined the five metrics on the data (as of 2017-11-09) which is held by GEHE Pharma Handel GmbH. For the statements, the arithmetic mean of October 2017 was set in relation to the arithmetic mean of the month before the use of WAWI Extra. The arithmetic mean values of 50% of the pharmacies were formed, which follow the proposed stock-keeping and scheduling the most accurate. Only the pharmacies are considered, which use WAWI Extra and have not previously used WAWI Top.
  The evaluation of the arithmetic mean of October revealed that the use of WAWI Extra
  - increased the lot size of wholesale pharmaceutical goods on average by 23%,
  - reduced the number of wholesale goods receipt rows of a pharmacy by an average of 20%,
  - reduced the merchandise management costs (processing costs for the goods receipt rows, capital costs for financing the warehouse and lost gross profit due to non-delivery capability) of a pharmacy by an average of 13%,
  - reduced the number of prescription medicinal products not in stock at the time of customer demand by an average of 10%,

- reduced the number of prescription medicinal products whose storage is provided, but which are not in stock at the time of customer demand, by an average of 12%, i. e. an improvement in the warehouse delivery capability.

Summary of TÜViT Trusted Process criteria

1 Process Documentation

The process documentation is the basis for the process and its defined procedures. It appropriately documents the process requirements and serves as a basis for assessment and improvement. The documentation is sufficiently detailed to allow process reproducibility within certain limits.

2 Process Development and Implementation

The process has been developed and implemented based on interested parties' required objectives. The current process is consistent with its documentation.

3 Process Performance and Effectiveness

The process is developed to provide long term effectiveness. For this purpose, it is subject to continual performance measurements that may result in process or documentation improvements and the implementation of any change.

4 Consideration of Interested Parties

The objectives of the process are aligned with the parties interested in performance and success of the process, its measures and its results.

5 Quality Assurance

The process has been designed to repeatedly show both quality and success in its results. The process involves intermediate quality checks to ensure that it consistently achieves its intended goal. Quality criteria for the checks and related checklists are described in the process documentation.

6 Resources

The process consists of a series of measures and corresponding resources to achieve intended results.

7 Risks and Dangers

A procedure exists to control risks and dangers associated with the process and this is detailed in the process documentation.