

R&D, manufacturing engineer, quality management, production, after market and sales, Supplier Chain qualification and management, purchasing, legal department, HR

Supplementary Material

VDA PI standard (including OTA)

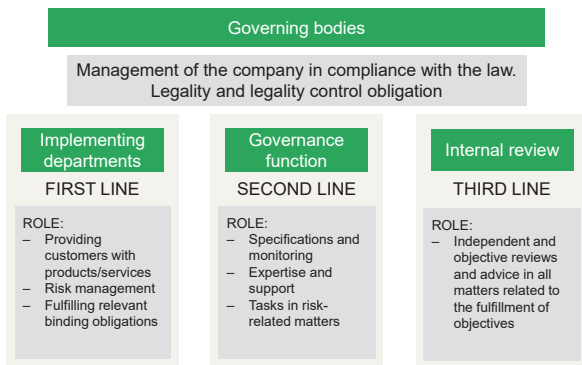
Cost & Durations

Product Integrity (PSCR) (ID 503):
5,000 RMB/person/2 days

New VDA product compliance system standard will be soon released

A new standard "Product Compliance System" (PCS) will be released by end of 2023 and requires the organization to have a product compliance system in place. 3 lines of defense should be installed and be a part of PCS.

Fundamentals – Three Lines Model



VDA QMC China

Tel.: +86 400 0650770
Email: qmc@vdachina.com.cn
Web.: www.vdachina.com.cn

Beijing office

DRC Liangmaqiao Diplomatic Office Building
Tower 1, 5F, Unit 0505P, No.19 Dongfangdonglu
Chaoyang District, Beijing
Tel.: +86-10-65900067
Email: bj@vdachina.com.cn

Shanghai office

HQ Sky Bridge, Building 7, Room 1109
No. 968 Jinzhong Road
Changning District, Shanghai
Tel.: +86-21-62565183
Email: sh@vdachina.com.cn



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Version: July 2024

Product Integrity (PI) Training

English version



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Product Integrity (PI) Training

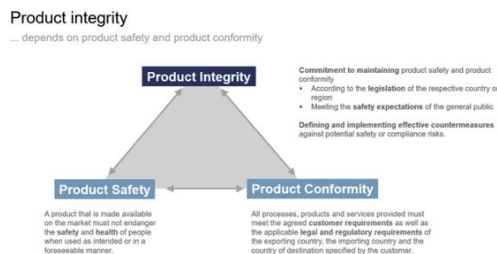
Why PI training is so important?

Every organization within the automotive supply chain is obligated to ensure the safety and conformity of its products. Legal requirements for the market each product is sold (export markets) has to be assure. Product compliance and knowledge of legal and customer requirements are essential must to assure product safety.

Therefore, a PSCR (Product Safety and compliance responsible) has to be defined along the entire supply chain and for all stage in the whole lifetime of product (development phase, production and usage phase).

The management board is obliged to initiate necessary actions assure and review product compliance and safety and regular base. In China SAMR has published in 2023 (official effective on 5. May 2023) two new regulations Order 75&76 to assure the monthly review of product safety and compliance from top management (CEO level). The requirements from SAMR are similar to the new PI Standard (Released 2020). The PI standard also include the software issue or more precisely the OTA issues (recall by OTA).

“PI training” from VDA QMC China provides clear understanding German VDA of product safety and conformity requirements. It also supports you to establish PI processes to ensure product safety and conformity during entire lifetime.

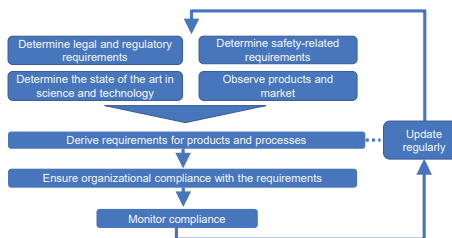


Picture 1: Definition on PI

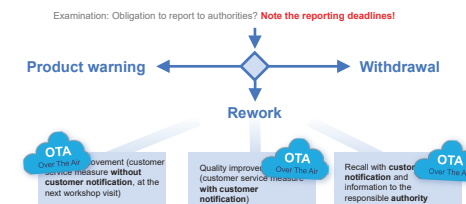
PI Taining introduction

- Clear understanding about product safety and conformity (PI).
- Responsibilities of PSCR in the product lifetime.
- How to define and implement PI related processes and PI products requirements
- PI requirements during development phase.
- Production phase: How to monitor and control PI related issues.
- Usage phase: what to monitor PI related issues (including competitor analysis and how to minimize the safety risk).
- OTA: How to organize OTA recall (break down into 7 process steps).
- OTA recall requirements and challenges in China
- Recall decisions and following steps (see picture 3)

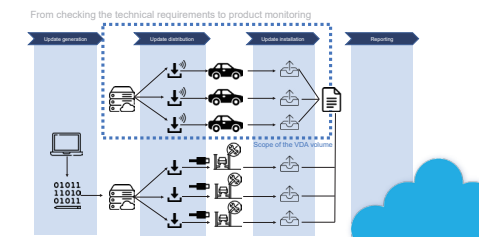
Systematically ensure product integrity
 The task of the PSCR: To establish this process in the company



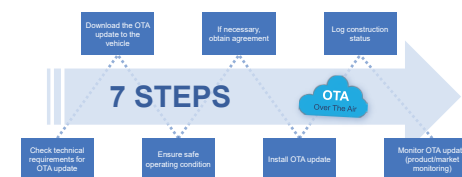
Picture 2: Process to assure PI



Picture 3: Recall decision



Picture 4: Recall by software updates over the air (OTA)



Picture 5: OTA recall 7 steps

OTA became a common to organize recalls. In 2022, 17 times OTA recalls have been carried out for 890.000 vehicles in China, 1387 times OTA recalls have been reported to DPAC.

Target Audience

- PSCR or those who want to become PSCR
- Top Management
- Management team and engineer from all PI involved departments, such as: