

Wieland-Werke AG

Corporate Function Global Engineering
Graf-Arco-Strasse 36
89079 Ulm
Germany
Phone +49 731 944-0
www.wieland.com

Section D – Media

Part 6: Firewalls

The following delivery specifications of Wieland-Werke AG form part of the contract.
Any deviating specifications are to be agreed upon between the supplier/contractor and Wieland, and documented.

Created by: Mr. Althoff
Phone: +49 731 944-6273
Email: josef.althoff@wieland.com

The following standards must be taken into account:
Local (state) building regulations, VdS guidelines, VDE guidelines

- Firewalls may only be installed by competent persons. Before starting work, proof of appropriate training must be submitted to the purchaser.
- Only systems approved by the construction supervision authority may be used. The conditions for the approved use of the system must be observed.
- Firewalls must be clearly marked with a securely attached sign bearing the
 - system identification, firewall no. (starting with building no., e.g. 36-xxx), person responsible for carrying out the work, date

New firewalls at Vöhringen must be entered in the corresponding plans.

- For repairs, please use the worksheet “Repairing Firewalls” (Brandschottungen instandsetzen) in SAP Z023.
- Different firewall systems must not be combined within one firewall. In exceptional cases, submission of the approval is required.
- Only the following systems are used by Wieland in the Ulm and Vöhringen plants:
 - Soft firewall made of mineral fibre plates and ablation coating plus corresponding coating of cables/pipes on both sides of the firewall. Wall thickness ≥ 12 cm, material make Minimax.
 - Fire protection foam, 2-component foam approved only for repair purposes, cable installation wall thickness >25 cm; combination with soft firewall not possible!

Section D – Media

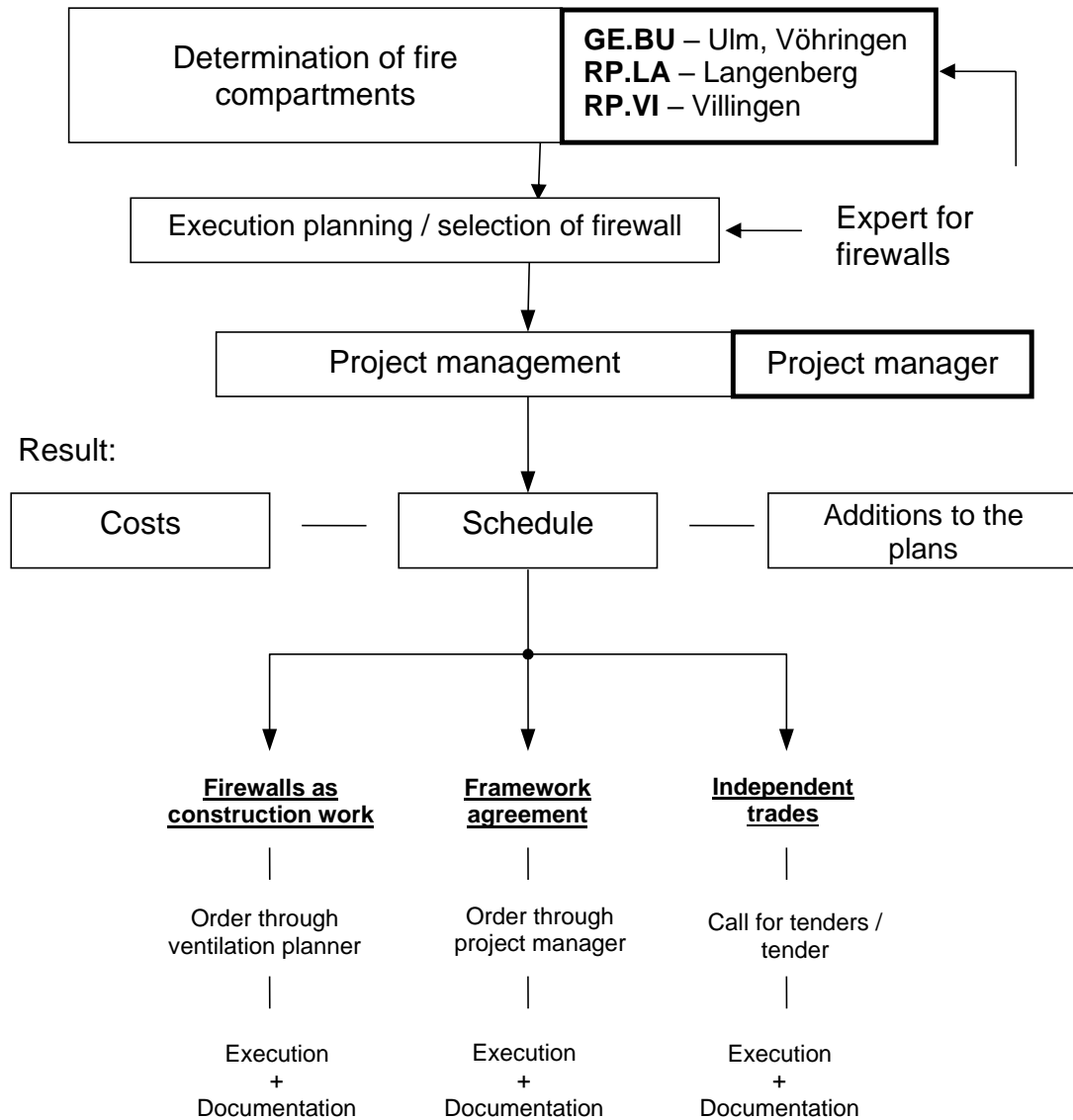
Part 6: Firewalls

- Fire protection blocks / fire protection stoppers, according to manufacturer approval make Hilti possible in combination with fire protection foam.
- Cable boxes, only to be used in new buildings, plastic covers required as smoke protection, seal with silicone, make Wichmann.
- Fire protection collars, required for plastic pipes.
- In the Villingen plant only HILTI system firewalls are used in accordance with local conditions.
- Acceptance after execution exclusively by qualified personnel of GE.EY – Ulm and Vöhringen plants, RP.VI – Villingen plant or RP.LA – Langenberg plant.

The procedures for the procurement and documentation of firewalls are set out in the annex; these must be observed. -- Annexes 1 to 3

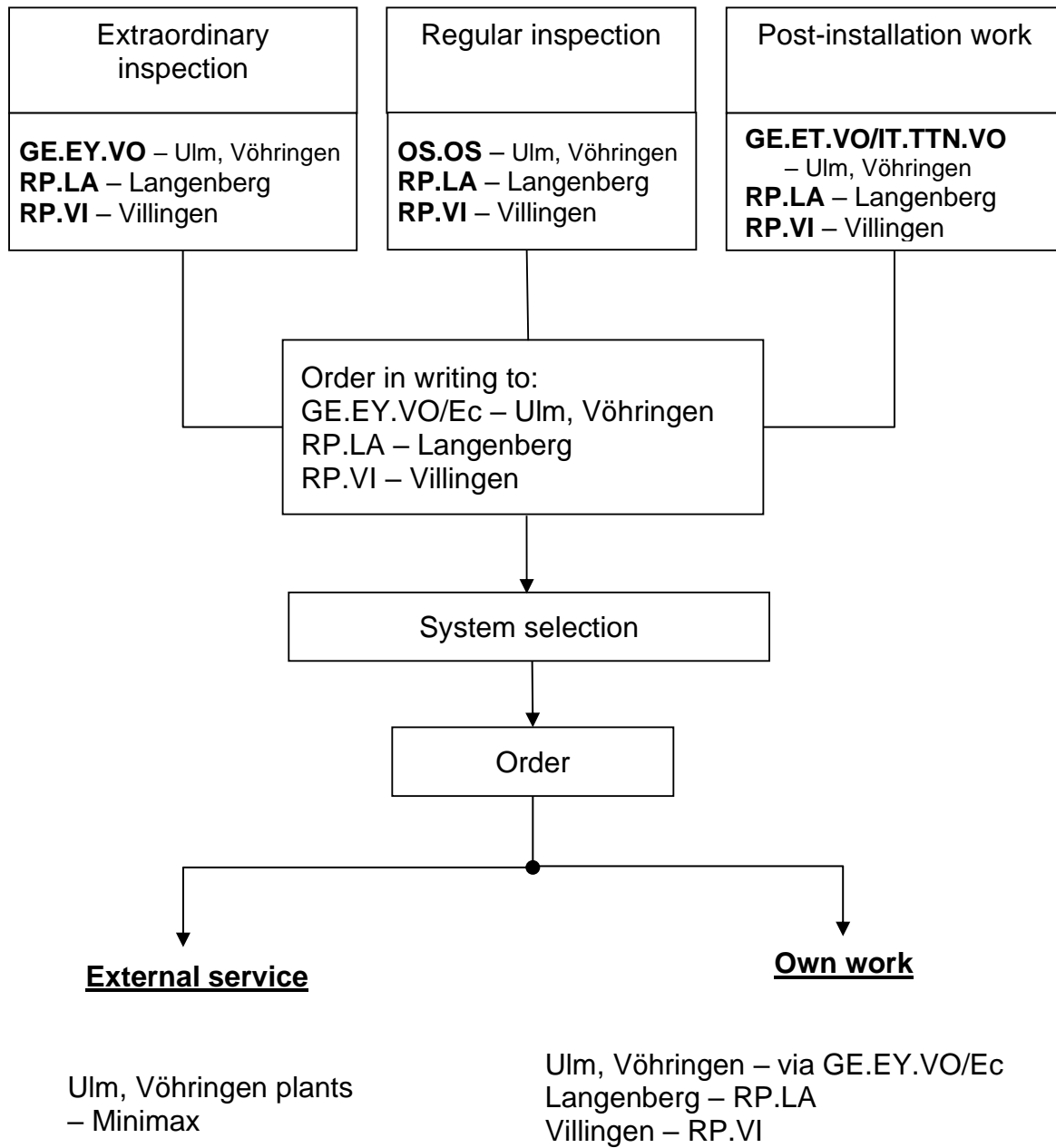
Annex 1
 Firewalls for investments

Flowchart



Annex 2

Maintenance of existing firewalls



Annex 3

Temporary firewalls / during the construction phase

During the construction phase or installation of the plant, temporary firewalls may be required if there is a corresponding potential risk.

Decision by the project manager on a case-by-case basis or by the fire protection officer (in Langenberg)

