



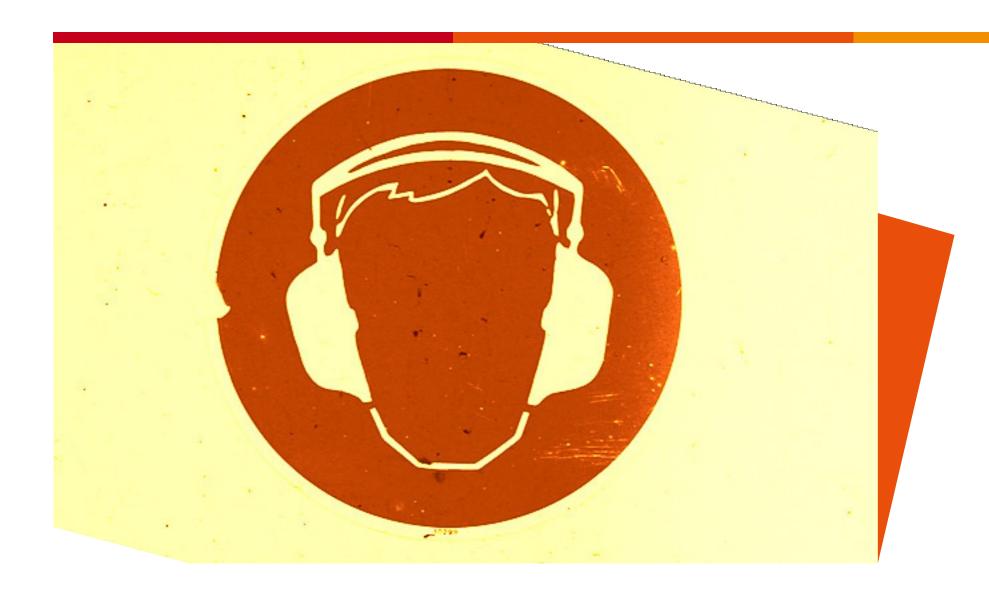




To protect against the negative impact of noise, there are various regulations governing the maximum permissible noise level for workplaces, residential premises, public buildings, and residential areas.

Noise is random fluctuations of different physical nature, varied by complexity of time and spectral structure.

A human perceives noise as an unpleasant (unfavourable) sound which, depending on level of sound pressure, can bring discomfort or cause irreparable harm to health.



Source of increased noise, generated by non-stationary aerodynamic processes in high-speed areas of operating medium flow is the bulk of equipment at an industrial facility.

Problem detection

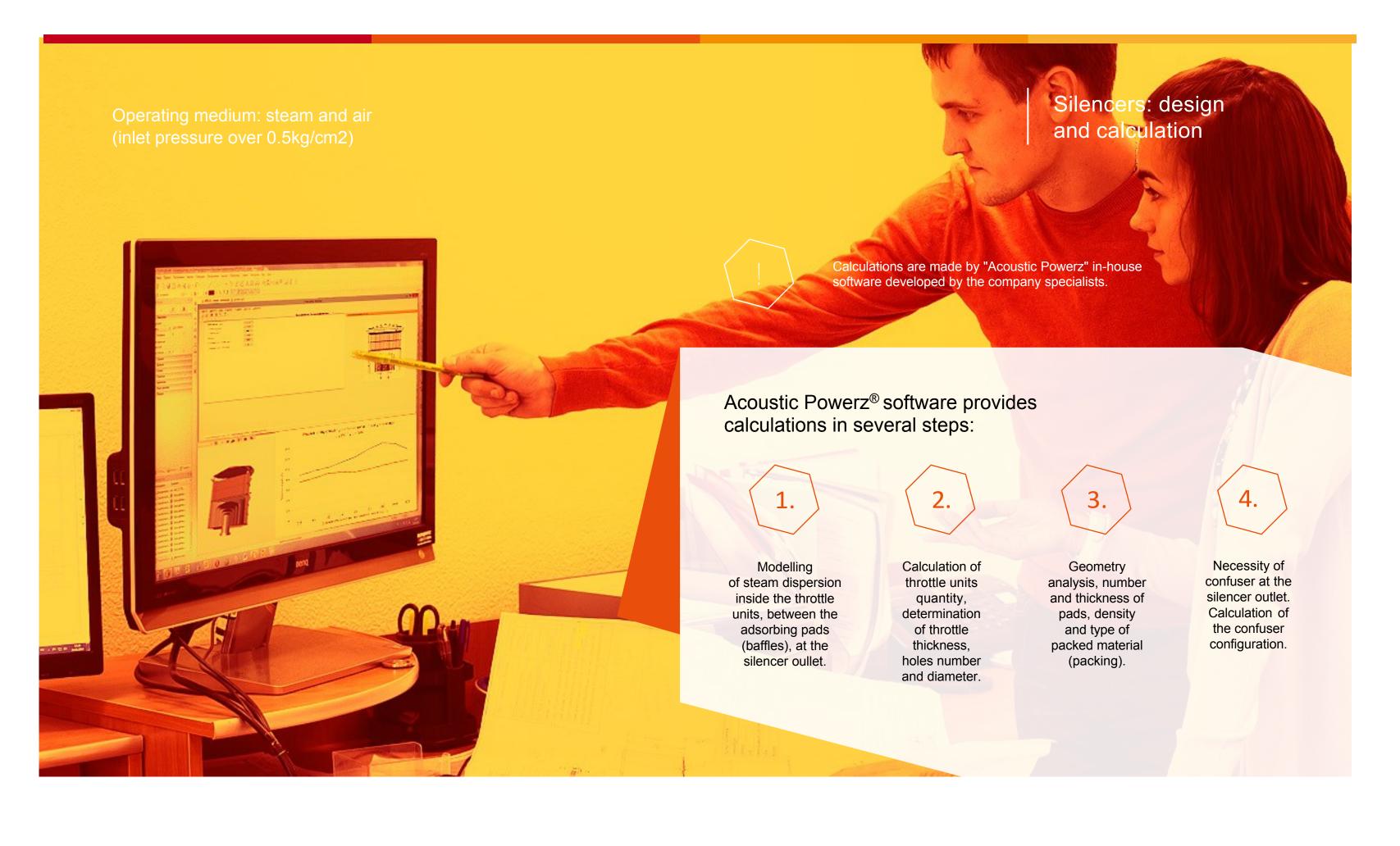
The problem may be the absence or malfunction of silencers in steam, gas or air discharge lines. The fault of silencers, as a rule, is connected with the following reasons:

- 1. Incorrect design calculations and, as a result, wrong design of the selected silencer.
- 2. Absence of noise-absorbing materials. Use of sound-absorbing materials that do not comply with the operating parameters or low-quality ones.
- 3. Failure to meet a silencer service life.



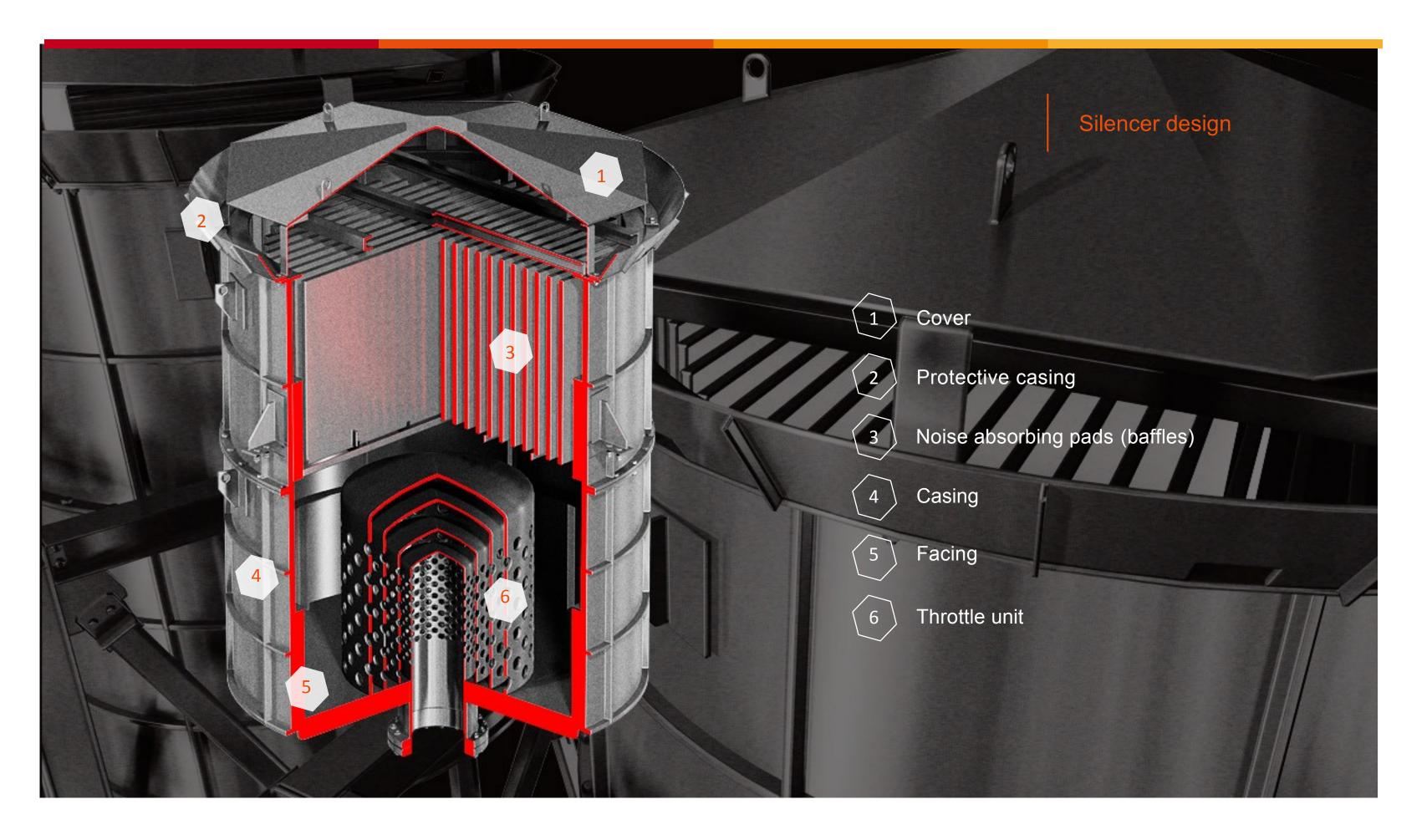
In all cases, there is the only solution — replacement of the silencer with a more advanced one.

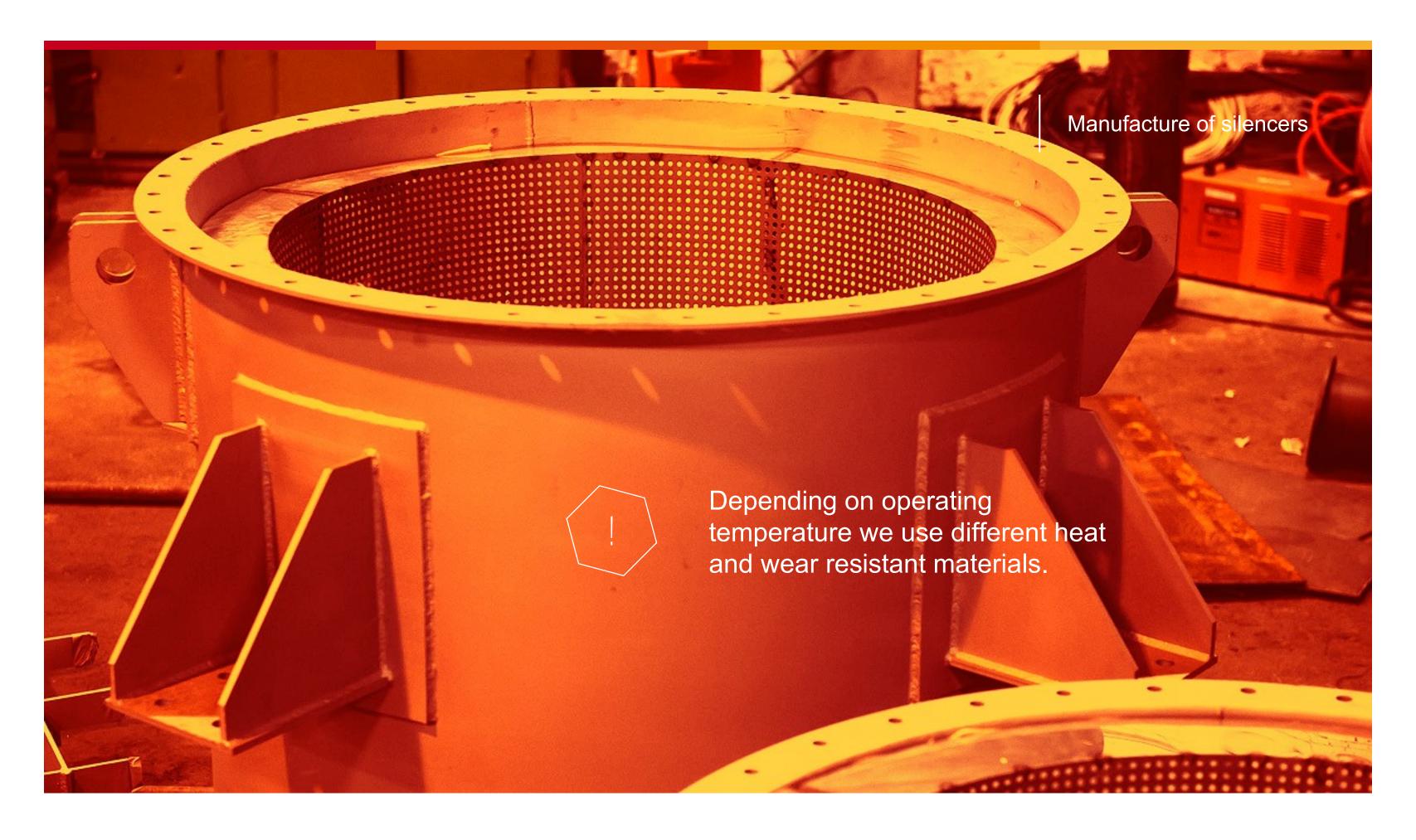


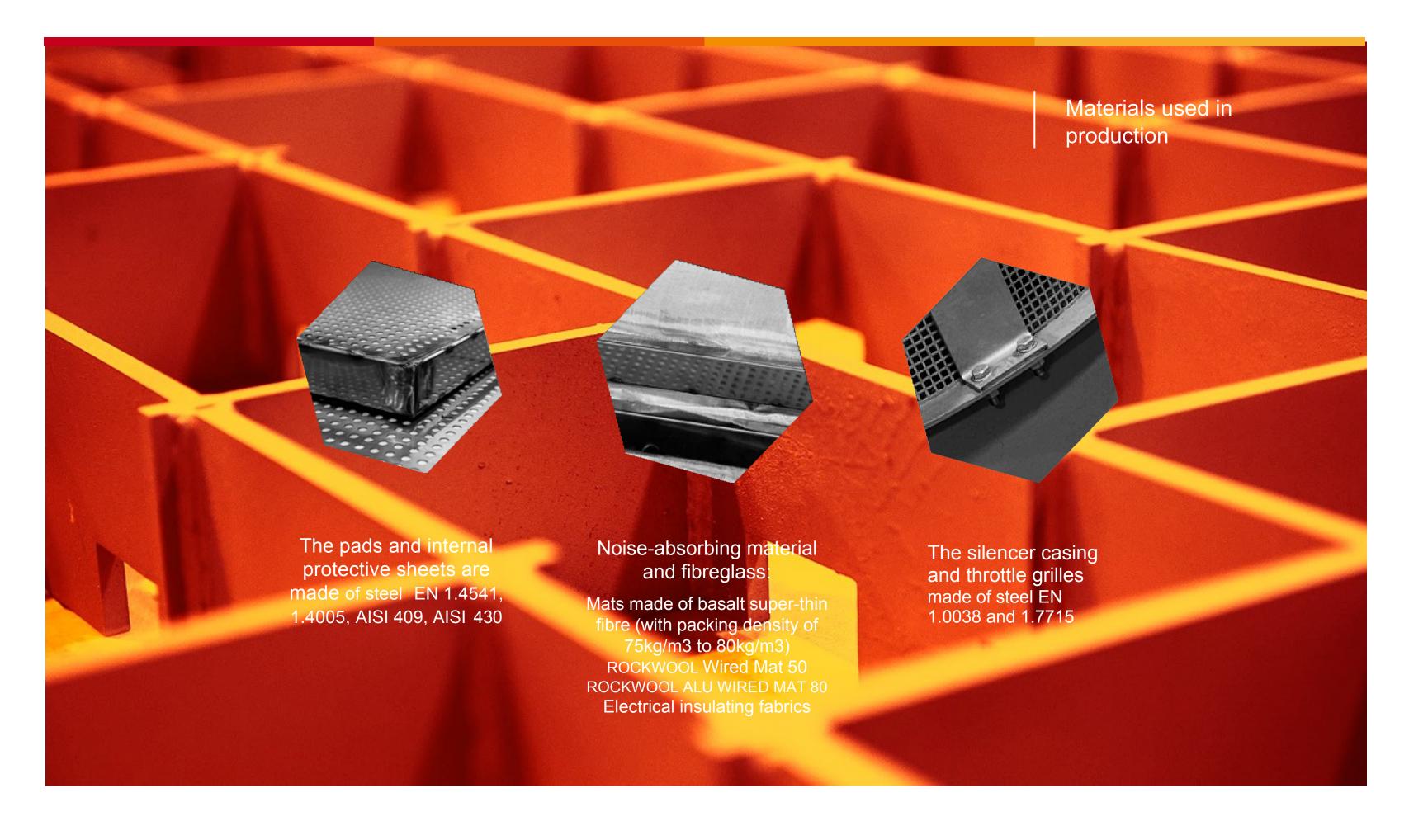
















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