Förhandsgranskning / Preview

STANDARD SOLUTIONS GROUP

SSG 3708E

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Heating, ventilation and sanitation systems: Metalwork, pipe suspension – type solutions

Scope

SSG 3708E comprices recommendations and type solutions for the suspension and assembly of piping and ventilation ducts. For an overall guideline in selecting piping suspensions, see SSG 7000E – *Anchorages and supports – design recommendations for pipelines*.

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1 General requirements

General:

- Metalwork for the suspension or piping and ventilation ducts shall be coordinated with other installations.
- Fastening of metalwork shall be coordinated with the person responsible for the building construction.
- Locking nuts shall be used within electrical areas.
- All open profile ends shall be fitted with plastic plugs as an impact safety measure.

Piping:

- Metalwork for piping dimensions shall be carried out in accordance with SSG's standard for piping suspension. The same applies to piping within process premises and pipe ways/pipe bridges.
- Piping suspension shall be designed so that no load is brought to bear on pipe connections at, for example, batteries and pumps.

Ventilation:

- Smaller ventilation units shall be placed on racks min height h_{min}= 300 mm.
- Max length of primary metalwork approx 1.0 m after which side supports, or alternatively a space frame, must be used to prevent pendulum effect.

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