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Process connections

Scope

SSG 5416E provides purchasers and suppliers with recommendations for making process connections. The purchaser specifies the desired delivery in the editable word documents that accompany the standard and suppliers perform delivery according to the specification.

Changes to the previous edition

This edition differs from the previous one in that:

- The information in the respective principles has been updated to be relevant today and has been harmonised with SSG pipe standards.
- References have been reviewed and updated. SS steel has been replaced with current references to materials.
- Figures have been updated.
- Dimensions have been adjusted.
- Installation principles can now be filled out and edited digitally. When editing existing text, the text turns red on grey to indicate that the content deviates from standard.
- The standard has been updated to the current template for SSG standards.
- Previous 5416E-21 is now included in 5416E-09.
- Previous 5416E-12 is now included in 5416E-11.
- Previous 5416E-17 is now included in 5416E-18.
- Previous 5416E-22 is now included in 5416E-20.
- 5416E-16 and 5416E-25 have been withdrawn.

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SSG 5416E-01: Bubble tube with connector piece
SSG 5416E-02: Bubble tube with connection piece for water flushing
SSG 5416E-05: Bubble tube in storage tank wall
SSG 5416E-06: Bubble tube in concrete vessel
SSG 5416E-07: Connection for bubble tube in storage tank block, DN 80
SSG 5416E-09: Connecting flange without flush outlet, DN 80, ≤ PN 40
SSG 5416E-10: Pressure outlet ≤ PN 25
SSG 5416E-11: pressure outlet ≤ PN 40, stainless steel and carbon steel
SSG 5416E-13: Pressure gauge connector PN 10. Stainless steel. Internal thread
SSG 5416E-14: Pressure outlet PN 10. Carbon steel. Internal thread
SSG 5416E-15: Pressure gauge connector PN 10. Stainless steel. Internal thread
SSG 5416E-18: Temperature measuring connector. Carbon steel and stainless steel ≥ PN 40
SSG 5416E-19: Temperature. Thread pocket and local indicator ≤ PN 25
SSG 5416E-20: Connecting flange without flush outlet, DN 80, ≤ PN 40
SSG 5416E-23: Orifice flanges
SSG 5416E-24: Ring chamber orifice flanges

1 Related documents

SSG 5402E — Analysis (A)
SSG 5403E — Flow measurement (F)
SSG 5404E — Level measurement (L)
SSG 5405E — Pressure measurement (P)
SSG 5406E — Temperature measurement (T)
SSG 5407E — Valves (V)
SSG 5408E — Other (Ö)
SSG 5415E — Instrument installation — list of materials
SSG 5417E — Installation details
SSG 5418E — Instrument installation manual

2 References

SSG Standard Solutions Group, Sundsvall, www.ssg.se

Standard	Title
SSG 3280E	Flat gaskets – recommendations for the selection of material and mouthing. (2018)
SSG 7391E	Welded pipes suitable for screwing – stainless or acid resistant steel. (2021)
SSG 7390E	Threaded pipe fittings – stainless or acid resistant steel. (2021)
SSG 7845E	PED – piping class EAS__A. Pipelines for ISO dimension series, material 1.4432/1.4404, z = 0,7. (2020)
SSG 7850E	PED – piping class ECS__B. Pipelines for ISO dimension series, material P235GH, z=1,0. (2020)

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