



Testing of dimensions of grease separators NS 4 and NS 10

| Requested by: Wavin-Labko Oy



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Task **Testing of dimensions of grease separators NS 4 and NS 10**

Test samples The client delivered to VTT two grease separators, whose nominal sizes were NS 4 and NS 10. Separators were made of polyethylene (PE-HD). Both separators have combined grease separation zone and sludge trap. Product description is presented in Appendix 1.

Test method *SFS-EN 1825-1:2005 Grease separators - Part 1: Principles of product design, performance and testing, marking and quality control*, the following points

- 5.3 Design requirements
 - 5.3.3 Accessibility
 - 5.3.4 Inlets, outlets and connectors
 - 5.3.5 Internal components
 - 5.3.8 Height and storage capacity of grease collection area
 - 5.3.9 Fall
 - 5.3.10 Ventilation
- 5.5 Functional requirements
 - 5.5.3 Determination of nominal size ¹⁾ and 5.5.4 Sludge trap.


¹⁾ Point 5.5.3, alternative b: The nominal size of the grease separator is determined by construction in accordance with the dimensions given in the point 5.5.3.


Results The results are presented in the Appendix 2.

Tested grease separators NS 4 and NS 10 fulfilled the dimensional requirements of the standard SFS-EN 1825-1 concerning the nominal size and construction.

Results are only valid for the tested samples.

Espoo, 23.5.2005


Taru Haimala
Group Manager


Jukka Määttä
Senior Research Scientist

Appendices
1 Product description
2 Results

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