SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS
Saulėtekio al. 3, LT-10257 Vilnius, Lietuvos Respublika

CERTIFICATE
OF CONSTANCY OF PERFORMANCE

Product	domestic wastewater treatment plants
Type	NV-1a, NV-1m, NV-1t, NV-2a, NV-2m, NV-2t, NV-3a, NV-3m, NV 3t, NV-4a, NV-4m ir NV-4t, aerobic continuous flow, activated sludge with fixed bed biofilter media, consists of two chambers (aeration and secondary sedimentation) in one tank, blower installed close to the plant. Excess sludge removal: - a – by vacuum machine(truck); - m – to the drying mesh bag; - t – to the sludge thickener
Intended use(s)	for raw domestic wastewater treatment for populations up to 50 PT
Performances	see Annexes 1, 2 and 3
Manufacturer	UAB "Traidenis", Pramonės g. 31B, LT-62175 Alytus, Lithuania
Manufacturing plant	UAB "Traidenis", Pramonės g. 31B, LT-62175 Alytus, Lithuania
Requirements	LST EN 12566-3:2005+A2:2013

This certificate is issued having performed actions prescribed for system 1 in Regulation (EU) No 305/2011 and confirms that the product complies with requirements set out in this certificate.

Number	SPSC-9306
Date of issue	2026-09-09 (first issued on 2014-09-09)
Valid until	2029-09-09 (information www.spsc.lt)
Granted to	UAB "Traidenis", Pramonės g. 31B, LT-62175 Alytus, Lithuania, company code 249910930

Director Valdemaras Gauronskis

LIETUVOS RESPUBLIKA * VILNIUS * SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS * UŽDAROJI AKCINĖ BENDROVĖ *

Copy No. 1 EN

Statybos produkcijos sertifikavimo centras is accredited by the Lithuanian National Accreditation Bureau for construction product certification in accordance with ISO/IEC 17065. Accreditation certificate No. LA.03.004

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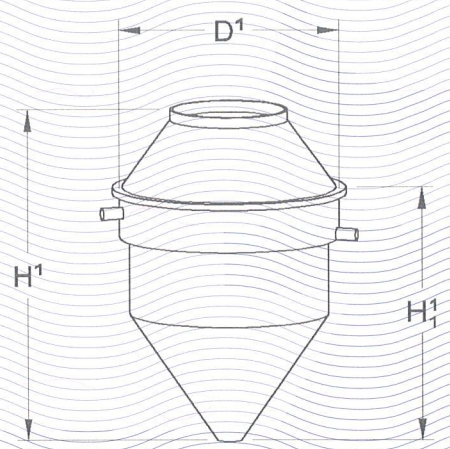
ANNEX 1 TO CERTIFICATE No. SPSC-9306

Issued 2026-09-09

Product domestic wastewater treatment plants

Types NV-1a, NV-1m, NV-1t, NV-2a, NV-2m, NV-2t, NV-3a, NV-3m, NV 3t, NV-4a, NV-4m ir NV-4t, aerobic continuous flow, activated sludge with fixed bed biofilter media, consists of two chambers (aeration and secondary sedimentation) in one tank, blower installed close to the plant. Excess sludge removal:
- a – by vacuum machine(truck);
- m – to the drying mesh bag;
- t – to the sludge thickener

General view of the plant:



Characteristics	Unit of measurement	Declared value
Overall plant dimensions $H^1 / H_1^1 / D^1$:		
– NV-1a, NV-1m and NV-1t;	m	2,70 / 1,84 / 1,81
– NV-2a, NV-2m and NV-2t;		3,30 / 2,35 / 2,28
– NV-3a, NV-3m and NV-3t;		3,90 / 3,08 / 2,45
– NV-4a, NV-4m and NV-4t		4,18 / 3,30 / 3,01
Organic load (BDS_7):		
– NV-1a, NV-1m and NV-1t;	mg O_2/l	350
– NV-2a, NV-2m and NV-2t;		390
– NV-3a, NV-3m and NV-3t;		390
– NV-4a, NV-4m and NV-4t		390

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ANNEX 2 TO CERTIFICATE No. SPSC-9306

Issued 2026-09-09

Product domestic wastewater treatment plants

Types NV-1a, NV-1m, NV-1t, NV-2a, NV-2m, NV-2t, NV-3a, NV-3m, NV 3t, NV-4a, NV-4m ir NV-4t, aerobic continuous flow, activated sludge with fixed bed biofilter media, consists of two chambers (aeration and secondary sedimentation) in one tank, blower installed close to the plant. Excess sludge removal:
- a – by vacuum machine(truck);
- m – to the drying mesh bag;
- t – to the sludge thickener

Product performances:

Characteristics	Test method	Unit of measure-ment	Declared value
Treatment efficiency (at tested organic daily load BOD_7 = 0,216 kd/d and daily flow 0,80 m³/d): - biochemical oxygen demand (BOD_7); - chemical oxygen demand (COD); - suspended solids (SS); - Kjeldahl Nitrogen (N_{Kj}); - total phosphorus (P); - ammonium nitrogen (NH_4-N)	LST EN 12566-3:2005+A2:2013, Annex B	 % % % % % %	 94,3 88,9 95,1 86,8 58,8 87,8
Nominal daily flow (nominal designation) Q_N – NV-1a, NV-1m and NV-1t; – NV-2a, NV-2m and NV-2t; – NV-3a, NV-3m and NV-3t; – NV-4a, NV-4m and NV-4t	LST EN 12566-3:2005+A2:2013, Annex B	m³/day	 0,80 1,44 2,52 3,42
Watertightness	LST EN 12566-3:2005+A2:2013, Annexes A.2 and A.3	–	pass
Release of dangerous substances	–	–	NPD
Reaction to fire	LST EN 13501-1:2019	class	E

NPD – no performance determined

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SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS
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ANNEX 3 TO CERTIFICATE No. SPSC-9306

Issued 2026-09-09

Product domestic wastewater treatment plants

Types NV-1a, NV-1m, NV-1t, NV-2a, NV-2m, NV-2t, NV-3a, NV-3m, NV 3t, NV-4a, NV-4m ir NV-4t, aerobic continuous flow, activated sludge with fixed bed biofilter media, consists of two chambers (aeration and secondary sedimentation) in one tank, blower installed close to the plant. Excess sludge removal:
- a – by vacuum machine(truck);
- m – to the drying mesh bag;
- t – to the sludge thickener

Product performances:

Characteristics	Test method	Unit of measure-ment	Declared value
Load bearing capacity: - NV-1, as maximum height of backfill 2,90 m and height of the water 1,84 m; - NV-2, as maximum height of backfill 3,45 m and height of the water 2,35 m; - NV-3, as maximum height of backfill 4,14 m and height of the water 3,08 m; - NV-4, as maximum height of backfill 4,30 m and height of the water 3,30 m	LST EN 12566-3:2005+A2:2013, Annexes C.5 and C.6	–	pass
Durability, material - glass reinforced plastic (GPR)	LST EN ISO 14125 and LST EN ISO 899-2, results extrapolated according LST EN ISO 9967	–	pass

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