



STATYBOS PRODUKCIJOS  
SERTIFIKAVIMO CENTRAS

## PERFORMANCE RESULTS

**UAB Hans Group**

Utenos g.4-4, Ukmergė, Lithuania

**EN 12566-7:2013**

“Small wastewater treatment systems for up to 50 PT”

### Tertiary treatment unit FosFoNox

System consists of one tank with mineral filtering material chamber

|                              |                       |
|------------------------------|-----------------------|
| Nominal hydraulic daily flow | 1,0 m <sup>3</sup> /d |
| Material                     | polypropylene         |
| Watertightness               | pass                  |

Treatment efficiency ratios (at tested organic daily load BOD<sub>5</sub> 0,005 kg/d)

|                    | Efficiency (%) | Effluent (mg/l) |
|--------------------|----------------|-----------------|
| BOD <sub>5</sub>   | 48,9           | 2,28            |
| COD                | 16,1           | 30,3            |
| SS                 | 1,74           | 6,15            |
| N <sub>ki</sub>    | 25,2           | 1,19            |
| N <sub>tot</sub>   | -1,0           | 11,0            |
| P                  | 41,7           | 0,654           |
| NH <sub>4</sub> -N | 53,7           | 0,249           |
| NO <sub>2</sub> -N |                | 0,295           |
| NO <sub>3</sub> -N |                | 9,53            |

Electrical energy consumption: 0,00 kWh/d is average rate during nominal sequences.  
0,00 kWh/d is average rate during all test period.

Number of desludging 0

Performance tested by:  
**SPSC - Statybos produkcijos sertifikavimo centras**  
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LT-08217 Vilnius  
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Notified Body number: 1397

Director Robertas Encius

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