

UAB „SIVENTA“  
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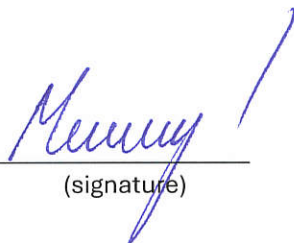
## SCOPE OF ACCREDITATION

| Materials or products tested    | Component, parameter or characteristic to be tested                                                                       | Reference number of the document specifying test methods, clause                               | Techniques, methods and/or equipment used                                                                                                                                                                                            |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fans and air handling equipment | Fan pressure, fan static pressure<br>Air mass and volume flow<br>Fan power input<br>Fan efficiency, fan static efficiency | LST EN ISO 5801:2018<br>LST EN ISO 5801:2018/A1:2025<br>except ch. 8.6, 9.5;<br>annex A.5, A.6 | Fan performance testing using standardized airways<br>Pressure difference method.<br>Air flow measurement with pressure differential devices.<br>Electrical input power determination by wattmeter method.<br>Efficiency calculation |
| Residential ventilation units   | External and internal leakage<br>Carry-over of exhaust air to the supply air                                              | LST EN 13141-7:2021<br>ch. 7.2.1.2, 7.2.1.3                                                    | Pressure difference test method.<br>Tracer gas test method                                                                                                                                                                           |
|                                 | Air flow/pressure characteristic<br>Electric power input<br>Specific power                                                | LST EN 13141-7:2021<br>ch. 7.2.2                                                               | Fan performance testing using standardized airways<br>Pressure difference method<br>Air flow measurement with pressure differential devices<br>Electrical input power determination by wattmeter method<br>Efficiency calculation    |

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|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|                                                                  | Temperature and humidity ratios                                                                                                   | LST EN 13141-7:2021 ch. 7.3 except 7.3.7                         | Temperature and relative humidity measurement method                                   |
|                                                                  | Sound power level measurement<br>A-weighted sound power level<br>Sound power levels 1/1 and 1/3 octave bands (31.5 – 10000) Hz    | LST EN 13141-7:2021 ch. 7.4.2                                    | Sound pressure level measurement.<br>An essentially free field over a reflecting plane |
| All types of noise source (max. dimensions a×b×h: 4m×4m×3,5 m)   | Sound power level measurement<br>A-weighted sound power level<br>Sound power levels in 1/1 and 1/3 octave bands (31.5 – 10000) Hz | LST EN ISO 3744:2011                                             | Sound pressure level measurement<br>An essentially free field over a reflecting plane  |
| Residential ventilation units (duct diameter from 100 to 500 mm) | Sound power level measurement<br>A-weighted sound power level<br>Sound power levels in 1/1 and 1/3 octave bands (31.5 – 10000) Hz | LST EN 13141-7:2021 ch. 7.4.3                                    | Determination of sound power radiated into a duct by fans and other air moving devices |
| Air handling units, recuperators, heat recovery devices          | External leakage<br>Static internal leakage                                                                                       | LST EN 308:2022 ch. 6.1.2.1, 6.1.2.2                             | Pressure difference test method.                                                       |
|                                                                  | Efficiency test                                                                                                                   | LST EN 308:2022 ch. 6.1.5                                        | Temperature and relative humidity measurement method                                   |
|                                                                  | Pressure drop test                                                                                                                | LST EN 308:2022 ch. 6.1.3                                        | Pressure difference method                                                             |

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|-----------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Air handling units                      | External casing air leakage                                                                       | LST EN 1886:2025 ch. 6                                           | Pressure difference method                                                             |
|                                         | Filter bypass leakage                                                                             | LST EN 1886:2025 ch. 7                                           | Pressure difference method                                                             |
|                                         | Acoustic insulation of casing<br>Sound power levels in 1/1 and 1/3 octave bands (31.5 – 10000) Hz | LST EN 1886:2025 ch. 9                                           | Sound pressure level measurement.<br>An essentially free field over a reflecting plane |
| Ducted silencers and air terminal units | Insertion loss<br>Sound power levels in 1/1 and 1/3 octave bands (31.5 – 10000) Hz                | LST EN ISO 7235:2010 ch. 6.2                                     | Sound pressure level measurement.<br>Sound pressure level difference method            |
| Ducted silencers and air terminal units | Total pressure loss<br>Total pressure loss coefficient                                            | LST EN ISO 7235:2010 ch. 6.5                                     | Pressure level measurement.<br>Pressure difference method                              |

Director

  
(signature)

Modestas Šimkus  
(name, surname)