

	COMPANY:		PAGE 1(1)
	PURPOSE OF THE DOCUMENT:		

ISO 14644 CLEANROOM CERTIFICATE FOR A&G Ltd. Tallinn, Estonia, assembly & tube packing

Testing Organization:

Zeus Tech Oy
Kousankatu 1
20610 Turku
Business ID: 1962940-7
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Date of tests:

20.12.2016

Cleanroom criteria:

ISO 14644-1:2000. Cleanrooms and associated controlled environments: Classification of air cleanliness.
Operational: ISO 7, particle sizes $\geq 0,5 \mu\text{m}$ (352 000 pcs/m³) and $\geq 5,0 \mu\text{m}$ (2 930 pcs/m³)

Test methods used:

Particle measurements were performed with calibrated Met One 3423 particle counter programmed for 1 minute counts. Number and placement of sample locations per room corresponded with the requirements of ISO 14644-1. Measurements were done in operational stage.

References:

Validation report (DQ, IQ and OQ) 035-058-002-R01

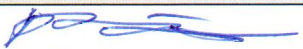


Tested rooms:

Assembly 2005, Tube Packing and Assembly 2012

Statement:

Rooms "Assembly 2005", "Tube Packing" and "Assembly 2012" met the requirements for ISO 14644 class 7 (operational) cleanroom.

This certificate is valid 12 months from the date of tests.

	SIGNATURE	NAME	DATE
Measurements:		KALLE JÄRVINEN	13.01.2017
Reviewed by:		MATTI MÄKINEN	13.01.2017
Approved by:		Jani Vainio	13.01.2017