

ASX Release | ClearVue Technologies Limited (ASX: CPV)

ClearVue completes UL Testing of the ClearVue IGU Product

Highlights

- ClearVue's solar PV IGU product is now UL certified
- ClearVue's solar PV IGU product has been rigorously tested over last 12 months to meet UL 61730 certification requirements
- UL Certification clears the way for sales of ClearVue product into United States of America and other global territories

28 November 2019: Smart building materials company ClearVue Technologies Limited (ASX:CPV) ("**ClearVue**" or "**the Company**") is pleased to announce that further to previous announcements ClearVue has received confirmation that the ClearVue PV – IGU product has now met all of the requirements for UL 61730 Certification, the ClearVue IGU product is certified and that ClearVue is now able to apply the UL Mark (below) to its products.

UL certification is a key requirement for sales of the ClearVue solar PV IGU in the United States of America and other international markets.



UL LLC ("**UL**") is a global independent safety science company and world leader in product safety testing and certification. For more than 100 years, manufacturers have had their merchandise evaluated and tested for safety risks by UL's independent, third-party safety certification labs who have tested more than 14 billion products (see: www.ul.com).

UL has worked intensively with the ClearVue team over the last 12 months to test ClearVue's product for electrical safety and product performance. The testing protocol required for testing of the ClearVue products was itself a world-first requiring UL to initially work with the ClearVue team to develop the testing protocols to be used - the ClearVue product representing an entirely new product category not seen before by UL.

The testing protocol designed for the ClearVue IGU products included independent testing of each of the solar PV strips used in the end IGU product, testing of the IGU product without the solar PV strips and testing of the complete IGU units with solar PV strips in place. The reason for this approach was to design flexibility for future testing of subsequent ClearVue PV IGU module designs of different sizes or with different solar PV compositions to significantly reduce the time and effort required for testing of future iterations of the ClearVue product so that the process will now be routine for ClearVue, and also for its licensed manufacturers if required.

Now that ClearVue product is certified by UL, UL will inspect ClearVue's OEM manufacturer factories for quality control in manufacturing. This process is underway currently. These inspections will thereafter continue on a quarterly basis to ensure ongoing quality control permitting continuous authorisation to apply the UL Mark to ClearVue's products.

As previously announced, IEC certification testing is also progressing with full results and certification expected in the near future. IEC certification being a requirement for sales in European and other international markets. The market will be notified as soon as this separate certification testing is completed.

Commenting on completion of the UL certification of the ClearVue IGU product, ClearVue Executive Chairman Victor Rosenberg has said:

"The UL certification of the ClearVue product is a major achievement for the company and is to date the most important step forward in ClearVue's commercialisation path - clearing the way for product sales into the USA and other territories.

The ClearVue PV IGU combines both glazing and solar into one product and is unlike anything the UL have had to deal with before. Notwithstanding this, the UL with ClearVue's assistance, were able to design a very detailed and rigorous testing protocol that has tested all aspects of the product in relation to both its safety and performance with the product meeting all such requirements.

The UL certification of the ClearVue product provides peace of mind to architects, façade engineers, developers and building owners when specifying or installing the ClearVue products into major building projects."

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About ClearVue Technologies Limited

ClearVue Technologies Limited (ASX: CPV) is an Australian technology company that operates in the Building Integrated Photovoltaic (BPIV) sector which involves the integration of solar technology into glass and building surfaces specifically windows and building facades, to provide renewable energy. ClearVue has developed advanced glass technology that aims to preserve glass transparency to maintain building aesthetics whilst generating electricity.

Solar PV cells are incorporated around the edges of an Insulated Glass Unit (IGU) used in windows and the lamination interlayer between the glass in the IGU incorporates ClearVue's patented proprietary nano and micro particles, as well as its spectral selective coating on the rear external surface of the IGU.

ClearVue's window technology has application for use in the building and construction and agricultural industries (amongst others).

ClearVue has worked closely with leading experts from the Electron Science Research Institute, Edith Cowan University (ECU) in Perth, Western Australia to develop the technology.

To learn more please visit: www.clearvuepv.com

Forward Looking Statements

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices or potential growth of ClearVue Technologies Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.