

NOTICE 487 OF 2014**DEPARTMENT OF PUBLIC WORKS****AGRÉMENT SOUTH AFRICA**

(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 14 August 2013, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate 2013/444

Name of product: IES Virtual Environment Software

Certificate holder: Integrated Environmental Solutions (IES) Ltd

Description:

IES Virtual Environment Software (version VE 2013) is an integrated software system for environmental performance assessment of buildings. Dynamic thermal simulation is carried out using ApachemSim calculation methods and software.

It is made up of modules which enable:

- model buildings
- checks for compliance with various international energy regulations
- measurements against various global environmental ratings systems
- access to climate data
- modelling of energy requirements of buildings and assess the impact of low energy systems and strategies
- modelling of different solar options
- assessment of various lighting solutions
- simulation of various airflows
- sizing and modelling of HVAC equipment
- simulation of occupant movement
- undertaking of life-cycle cost analysis.

It is intended to assist designers, operators and owners to meet current and future environmental challenges.

The Agrément certificate contains detailed information on the product and can be accessed at <http://www.agrement.co.za>

Copies are obtainable from: Chief Executive Officer (CEO)
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