DEPARTMENT OF PUBLIC WORKS

NO. 1488 **29 DECEMBER 2017**

AGRÉMENT SOUTH AFRICA
(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 12 September 2017, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE
Agrément Certificate 2017/549

Subject: TES Infra-Red Beam Axle Sensors Traffic Monitoring System Type B1

Certificate holder/ System supplier and Service provider TES Trust

Description: TES Infra-Red Beam Axle Sensors Traffic Monitoring System Type B1 consists of a dual intrusive loop, BOSVARK traffic logger, Infra-Red Beam Axle Sensors, Battery, Colseal or similar approved sealant and 3G modem.

The Infra-Red Beam Axle Sensors is a combination of 2 “pods” with special designed electronics that sensor through an infra-red beam covered with SAILS 501 Epoxy and Colseal. The BOSVARK traffic logger is a low-cost, light-weight device for capturing traffic data.

The dual loops are permanently embedded into concrete or asphalt pavement and covered with Colseal or similar approved sealant. Generally, the loops are lane width dependent and they consist of polyvinylchloride (PVC) wires. TES Infra-Red Beam Axle Sensors Traffic Monitoring System Type B1 are installed over the full width of a roadway on new and existing roads. Site requirements are as specified in Chapter 10 of the **TMH 3**.

The system is classified as Type B1 traffic monitoring system, which means that the system was assessed and is valid for use on roads for:

- highest level of detection and a relatively high level of vehicle classification (categorization)
- speed and axle detection without single/dual tyre detection.

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)
Agrément South Africa, P O Box 395, **PRETORIA,** 0001