

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 3496

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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 21 September 2020, issued an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2020/617

**Subject:** SAMAC Thermal Storage Tank

**Certificate holder:** SAMAC Engineering Solutions

**Description:** The Agrément South Africa certificate covers the use of Samac Thermal Storage Tank in all areas of South Africa for systems that require thermal energy such as Air Condition or HVAC systems.

The Samac Thermal Storage Tank has a thermal storage gel that can absorb and release thermal energy through the heat exchange process using coils and radiators. The storage tank was evaluated as a product that is capable to store, absorb and release thermal energy.

The Samac Thermal Storage Tank is constructed by utilizing the stainless steel 3cr12 material. The 3cr12 is a chromium containing corrosion resisting ferritic steel developed as an alternative material of construction where the mechanical properties, corrosion resistance and fabrication requirements of other materials such as mild steel, galvanised or aluminised steel, aluminium or pre-painted steels are unsuited. The Samac Thermal Storage Tank has the diameter of 1.6 meters and

innovative construction product assessments

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with a height of 1.8 meters. The gasket of the tank is the standard rubber silicone. The tank is tied with bolts, with sizes ranging from M16 to M20. The tank has an approximate gross weight of 5500 kilograms and dry weight of 950 kilograms.

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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