

# Van Dyck Floors

## KwaZulu-Natal



**70 969 kWh**

Energy saved



**ZAR 72 388**

Money saved



**73.98 tCO<sub>2</sub>e**

GHG mitigated



**ZAR 50 000**

Investment made

**Sector:** Clothing and textile

**Intervention:** Compressed Air System Optimisation, 2015 - 2016

## THE COMPANY AND THEIR PRODUCT



Van Dyck Floors, Durban's oldest carpet manufacturer, is producing sustainable flooring solutions that has minimal impact on the global and local environment.

The company has reduced its Green House Gas emissions by more than 30% in the past three years. Van Dyck Floors is also the first company in South Africa to achieve the ISO 14064 Carbon Trust Standard certification. This certification means that the organisation proactively monitors, records and takes action to reduce greenhouse gas emissions arising from their operations.

## THE ENERGY EFFICIENCY INTERVENTION

Van Dyck Floors implemented several energy efficiency interventions on their significant energy users (tile converting, space dye, rubber line and finishing/backing). These interventions ranged from the optimization of heat input and air flow to the recovery and re-use of condensate, as well as the implementation of steam and compressed air leak management systems.

## CAPACITY BUILDING



Core team members attended the two-day energy Management System Course and two members went on to complete the expert level training.



**Click here to download the full case study**

