

SCOPE OF WORK

Supply, Install and commission a 900 kW Limpsfield LC LPG Burner with SANS 329 compliant gas train with Autoflame Mini MK8 controller

The objective: to heat up the silica dust that is extracted from a manufacturing process and reduce its humidity percentage in the extraction ducting before reaching the newly installed Nederman bag filters, to prevent blockages during winter.

KEY FACTORS FOR THE SUCCESSFUL INSTALLATION

- Pre installation testing and simulation – Provided a quick turn-around.
- Pre-planning site layout avoided any potential delays and risks.
- Our Experience from previous projects.

BENEFIT AND COST SAVING TO SITE

The Customer doesn't have to stop production to clean or replace blocked filters in the newly installed filter baghouse anymore! Saving on production losses and improving production output.



Customer:

ATLANTIS FOUNDRIES

Location:

Atlantis, Western Cape, SA

Year: 2020

Burner Type:

**Limpsfield LC9LPG 900 kW
10:1 turn-down ratio with sub
3% O2 guaranteed up to a
turndown of 6:1**

Burner Controller:

**Autoflame Mini MK8 with VSD
(external burner modulation
around relative humidity
setpoint)**

Fuel:

LPG

Application:

**Firing chamber into silica dust
extraction ducts**

Remote Monitoring & Management 24/7:

**Experienced Engineers
analysing data 24/7
Off-site system monitoring &
monthly reporting and
recommendations on system
performance.**



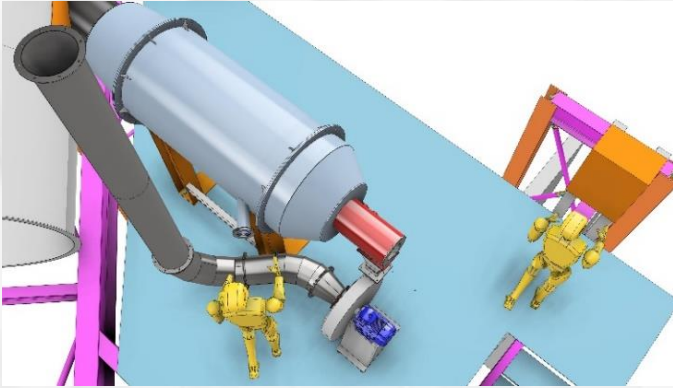
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Our products Comply with SANS 329 and 347

Tel: +27 21 715 3171 | info@combustiontechnology.co.za | www.combustiontechnology.co.za

Planning and Simulation



AUTOFLAME



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