



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

COMMUNITY SERVICES AND HEALTH
SPECIALISED ENVIRONMENTAL HEALTH
AIR QUALITY MANAGEMENT
246 Voortrekker Road Vasco
Phone: 021 444 2914

APPLICATION FOR APPROVAL FOR THE INSTALLATION OF FUEL BURNING EQUIPMENT

In terms of the

CITY OF CAPE TOWN AIR QUALITY MANAGEMENT BY-LAW 2016

In terms of section 11 and 12 of the City of Cape Town Air Quality Management By-law 2016 dated 17 August 2016 as amended, I hereby apply for approval to *** install/alter/ extend/ replace/change the ownership details** of the fuel burning equipment (which includes the chimney), as described below. (**NOTE:** Information must be provided for each individual proposed fuel burning equipment installation at the premise)

*** Please select the reason for the application above**

NAME OF APPLICANT:

Address:

Contact No:.....E Mail:.....

Business Partner(BP) or ID No (Copy of ID to be attached if not a registered BP):.....

PREMISES AT WHICH FUEL BURNING EQUIPMENT HAS/IS TO BE INSTALLED:

Name of Contact Person:..... Contact No:.....

Name of Business/Trading Name:.....

Street Address Suburb:

ERF Number: Nature of business utilizing the installation:.....

NAME OF COMPANY CARRYING OUT THE INSTALLATION/ALTERATION/EXTENSION/REPLACEMENT:

.....

Address:

Contact numbers:/.....

Contact person:..... Email:

APPLICANTS SIGNATURE:

Dated this:day of20.....

DETAILS OF FUEL AND FUEL BURNING EQUIPMENT

Fuels used (including co-firing)

Fuel Type	Sulphur content-Percentage by weight
Fuel 1:	
Fuel 2:	
Fuel 3	

If already installed, please indicate the average fuel usage per month:.....

Name of fuel supplier:.....

Boiler (Steam)

Make

Type

Official Number

Maker's Rating: Normalkg. Steam per hour

Maximumkg. Steam per hour

Are Soot Blowers fitted? ... Yes ☐ No ☐
.....

Boiler (Hot Water)

Make

Type

Makers Rating: Normal:..... kWh

Maximum: kWh

Hot Water Storage Capacity Liters

Solid fuel Stokers

Number of stokers

Make Type

Maximum Rate (kg) of solid fuel per hour.....

Type, make and specification of grit collector

.....

Over-fire Air

Number of Jets

Where the jets are located:

Method of control: Hand

Automatic

Note: The permitted concentration of grit and dust emissions from a chimney serving a coal fired boiler equipped with an induced draught fan shall not be more than 250 mg/Nm³ (as measured at 0°C, 101,3 kPa and 12% CO₂).

Ash & Grit (where applicable)

Method of removal from furnace

Storage on premises.....

Disposal

Oil Burners

Number of Burners (how many).....Make.....

Maximum Rate of oil combusted per hour in liters:

Chimney

Height: above ground level:m

above the highest point of the building:m

Inside dimensions at the topmm

Is the chimney insulated? ...Yes ☐ No ☐

Note: Insulation of chimneys

All fuel burning equipment using Heavy Fuel Oil or other liquid fuels with a Sulphur content equal to or greater than 2.5 % by weight must be fitted with a fully insulated chimney using either a 25mm air gap OR mineral wool insulation to prevent the formation of acid smut. Such chimneys must be maintained in a good state of repair at all times.

Is the chimney top visible from the boiler room? Yes ☐ No ☐

Has cleaning access been provided for chimney and flues? Yes ☐ No ☐

Instruments

Draught gaugeSteam flow meter.....

CO₂ Indicator or Recorder

Smoke Indicator or Recorder.....Make

Details of control unit.....

Other Fuel Burning Equipment

Give relevant details (Make/type/etc.):
.....

Remarks (Any other information in support of the application)

.....
.....
.....

PLEASE ATTACHED THE 2 FOLLOWING MANDATORY DOCUMENTS:

1. A **zoning extract** must be attached to this application for the premises where the fuel burning equipment is proposed to be installed. Please use the following [link](#) to the guide to request the zoning extract via e-services.
2. Please attach the equipment **approved building plans/drawings** which should include the following:
 - 2.1. Position of equipment shown on plan and with elevation
 - 2.2. Chimney position and height relative to building
 - 2.3. Arrangement of flues between the appliance and the chimney
 - 2.4. Means of access to flues and chimney for cleaning purposes
 - 2.5. Any other relevant details

NOTE: APPLICATIONS SUBMITTED WITHOUT THE NECESSARY EQUIPMENT APPROVED BUILDING PLANS/ DRAWINGS WILL NOT BE ACCEPTED. PHOTOGRAPHS OF THE PROPOSED INSTALLATION WILL NOT BE ACCEPTED IN LIEU OF APPROVED PLANS/DRAWINGS

BUILDING PLANS AND BUILDING PLAN APPROVAL IS REQUIRED FOR ALL INSTALLATIONS REQUIRING APPROVAL IN TERMS OF THE NATIONAL BUILDING REGULATIONS AND BUILDING STANDARDS ACT, ACT 103 OF 1997. THIS INCLUDES INSTALLATIONS SUCH AS BOILERS, BURNERS, CHIMNEY INSTALLATIONS, INDUSTRIAL OVENS, ETC. ALREADY CONSTRUCTED.

Please direct any queries regarding archived building plans, plan submissions and approvals to your district City of Cape Town Building Development Management office.

Please complete this application form in full to avoid unnecessary delays

Please note the following in terms of the Air Quality Management Bylaw:

(Section 11) No person shall install, alter, extend, replace or operate any fuel-burning equipment on any premises without the prior written authorisation of the City, which may only be given after consideration of the completed prescribed application form together with the relevant plans and specifications.
Any person who fails to comply with this section is guilty of an offense (Section 33)