

# COMMERCIAL SERVICING/COMMISSIONING RECORD

(USE THIS FORM FOR NON-DOMESTIC INSTALLATIONS ONLY)

Serial No: C1 0156601

**REGISTERED BUSINESS DETAILS** Reg No: 511257

Gas Engineer: Edwin Thompson

Gas Safe registered engineer No:

Company: TF MultiGrades

Address: 4 Cupar Crescent

Postcode: MM17 1RQ Tel No: 07455320647

**INSPECTION/INSTALLATION ADDRESS**

Name & Title: Mark Chatlani

Address: 17-19 Princess Square

Post Code: W2 4NR Date: 2/14/2014

Issued to (print name):

**DECLARATION OF GAS SAFETY**

I confirm that all the work described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation and Use) Regulations, industry standards and procedures.

Gas Engineer's signature: [Signature] Date: 2/14/2014

**CUSTOMER'S NAME & ADDRESS (if different from Inspection/Installation)**

Name & Title: Mark

Address: 27-33 Bethnal Green RD

Post Code: E1 6LA Tel: 0797-980-5400

**APPLIANCE DETAILS**

	No. 1	No. 2	No. 3
Location:	Plant - Room	Plant - Room	Plant - Room
Type:	32R	32R	32R
Model:	Heat 55	Heat 55	Heat 55
Serial No:	2026340001247	2026340001246	202634001315
Burner manufacturer (if different):	HA	HA	HA
Flue type:	R.S	R.S	R.S

**APPLIANCE DETAILS**

	No. 1	No. 2	No. 3
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Type:	32R	32R	32R
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Flue type:	R.S	R.S	R.S

**COMBUSTION CHECKS**

	No. 1		No. 2		No. 3	
	Low	High	Low	High	Low	High
Appliance No.						
Firing Mode						
Heat input rating (kW)	55	55	55	55	55	55
Gas burner pressure (mbar)						
Gas rate (m³/hr)						
Air/gas ratio control setting						
Ambient (room) temperature (°C)						
Flue gas temperature (°C)						
Flue gas temperature net (°C)						
Flue draught pressure (mbar)						
Oxygen (O₂) %						
Carbon Monoxide (CO) ppm						
Carbon Dioxide (CO₂) %						
NOx %						
Excess air %						
CO/CO₂ Ratio						
Gross efficiency %						
CO flue dilution ppm						

*Compare protect attached to this Cert.*

**ADDITIONAL CHECKS (Yes/No/NA)**

	No. 1	No. 2	No. 3
Flue flow test satisfactory	NA	NA	NA
Spillage test satisfactory	NA	NA	NA
Ventilation satisfactory (see also GENERAL SAFETY CHECKS)	Yes	Yes	Yes
Air/gas pressure switch operating correctly	Yes	Yes	Yes
Flame proving/safety devices operating correctly	Yes	Yes	Yes
Burner lock-out time (seconds)	01	01	01
Temperature and limit thermostats operating correctly	Yes	Yes	Yes
Appliance serviced	NO	NO	NO

**DETAILS OF REMEDIAL WORK REQUIRED:**

None

**DETAILS OF WORK DONE:**

None

**GENERAL SAFETY CHECKS (Yes/No/NA)**

Gas booster(s)/compressor(s) operating correctly?	NA
Gas installation tightness test carried out? (if yes see separate form)	100%
Gas installation pipework adequately supported?	Yes
Gas installation pipework sleeved/labelled/painted as necessary?	Yes
Flue system installed in accordance with appropriate standards?	Yes
Flue termination(s) satisfactory?	
Fan-flue interlock operating correctly?	

**VENTILATION TYPE** Natural - Go to item 1 Mechanical - go to item 2

1. Plant room/compartment ventilation	low-level free area (cm²)	NA
	high-level free area (cm²)	NA
2. Mechanical ventilation flow rate	inlet (m³/s)	NO
	extract (m³/s)	NA
Mechanical ventilation interlock operating correctly?		NA
All ventilation grilles clear and unobstructed?		NA

**SAFETY INFORMATION**

Has a Warning/Advice Notice been raised?	NO
Have warning labels been attached?	NO
Has responsible person been advised?	Yes



testo 330-2 LL  
 V2.00 02173430/GR 02.04.2014 17:44

Location  
 LOCATION  
 System type Air Heater  
 FOLDER

Fuel: Natural Gas  
 O2cal. 3.0 %  
 CO2Max: 11.9 %

Flue Gas

23.6 °C	Ambient temp
67.3 °C	Flue Temp
6.5 %	O2
26 ppm	CO
8.21 %	CO2
0.0003	Ratio
87.7 %	Effg
96.8 %	Effn
44.9 %	ExAir
38 ppm	Undiluted CO
--- ppm	AmbCO2
--- ppm	AmbCO
0.64 l/min	Pump flow
54.7 °C	Dewpoint

testo 330-2 LL  
 V2.00 02173430/GR 02.04.2014 17:45:21

Location  
 LOCATION  
 System type Air Heater  
 FOLDER

Fuel: Natural Gas  
 O2cal. 3.0 %  
 CO2Max: 11.9 %

Flue Gas

24.3 °C	Ambient temp
67.7 °C	Flue Temp
6.4 %	O2
27 ppm	CO
8.25 %	CO2
0.0003	Ratio
87.8 %	Effg
96.8 %	Effn
44.2 %	ExAir
39 ppm	Undiluted CO
--- ppm	AmbCO2
--- ppm	AmbCO
0.64 l/min	Pump flow
54.9 °C	Dewpoint

testo 330-2 LL  
 V2.00 02173430/GR 02.04.2014 17:44:40

Location  
 LOCATION  
 System type Air Heater  
 FOLDER

Fuel: Natural Gas  
 O2cal. 3.0 %  
 CO2Max: 11.9 %

Flue Gas

23.9 °C	Ambient temp
67.2 °C	Flue Temp
6.5 %	O2
27 ppm	CO
8.22 %	CO2
0.0003	Ratio
87.7 %	Effg
96.8 %	Effn
44.7 %	ExAir
39 ppm	Undiluted CO
--- ppm	AmbCO2
--- ppm	AmbCO
0.64 l/min	Pump flow
54.7 °C	Dewpoint

testo 330-2 LL  
 V2.00 02173430/GR 02.04.2014 17:45:00

Location  
 LOCATION  
 System type Air Heater  
 FOLDER

Fuel: Natural Gas  
 O2cal. 3.0 %  
 CO2Max: 11.9 %

Flue Gas

24.1 °C	Ambient temp
67.4 °C	Flue Temp
6.5 %	O2
28 ppm	CO
8.24 %	CO2
0.0003	Ratio
87.8 %	Effg
96.8 %	Effn
44.4 %	ExAir
40 ppm	Undiluted CO
--- ppm	AmbCO2
--- ppm	AmbCO
0.64 l/min	Pump flow
54.8 °C	Dewpoint

testo 330-2 LL  
 V2.00 02173430/GR 02.04.2014 17:44:04

Location  
 LOCATION  
 System type Air Heater  
 FOLDER

Fuel: Natural Gas  
 O2cal. 3.0 %  
 CO2Max: 11.9 %

Flue Gas

23.2 °C	Ambient temp
67.1 °C	Flue Temp
6.6 %	O2
27 ppm	CO
8.16 %	CO2
0.0003	Ratio
87.7 %	Effg
96.7 %	Effn
45.8 %	ExAir
39 ppm	Undiluted CO
--- ppm	AmbCO2
--- ppm	AmbCO
0.63 l/min	Pump flow
54.5 °C	Dewpoint

# DRY PIPE PRESSURE TEST CERTIFICATE

COMPANY BIV CONSTRUCTION LTD DATE 30.03.2014  
 TESTED BY GEORGE KNIGHT  
 SITE 17 / 19 PRINCES SQUARE  
 LOCATION LONDON - W2 4NR

SYSTEM TESTED	TEST PRESSURE		DURATION
	INITIAL	FINAL	
NO. 17 - PIPELINE RISER FRONT ELEV.	100 BAR	95 BAR	5. min
NO. 17 - PIPE LINE RISER BACK ELEV.	100 BAR	80 BAR	5. min
NO. 18 - PIPELINE RISER FRONT ELEV.	100 BAR	90 BAR	5. min
NO. 18 - PIPE LINE RISER BACK ELEV.	100 BAR	85 BAR	5. min
NO. 19 - PIPE LINE FRONT ELEV. RISER	100 BAR	85 BAR	5. min
NO. 19 - PIPE LINE RISER BACK ELEV.	100 BAR	90 BAR	5. min
—	— BAR	— BAR	—