

TYPE B APPLIANCE AS COMMISSIONED SETTINGS

Owner:
Location/Address:
Type B Appliance:
Date:

Combustion Analysis

(AS 3814-3.6/5.7)

	LOW FIRE	MID FIRE	HIGH	PILOT/ START GAS
CO ²				
CO				
O ²				
Ratio CO/ CO ²				

Air Flow Rates

	Actual	Required
Purge Air Flow	M ³ /hr	M ³ /hr
Dilution Air Flow	M ³ /hr	M ³ /hr
Ventilation Air Flow	M ³ /hr	M ³ /hr

Appliance Details

		Comments			Comments
☐	Burner / Control Access (AS 3814 - 2.2)		☐	Start Gas Rate (AS 3814 3.2.3)	
☐	Appliance Location (AS/NZS 5601.1 - 6.3)		☐	Start Gas Flame Establishment Time (AS 3814 3.2.2.3)	
☐	Appliance Isolation Valve (AS/NZS 5601.1 – 6.6.3)		☐	Start Gas Flame Proving Period (AS 3814 3.3.1)	
☐	Ventilation (AS/NZS 5601.1 – 6.4) Natural/Mechanical		☐	Main Flame establishment Period (AS 3814 3.3.2 (2 - 5 secs)	
☐	Emergency Valve and Sign (AS/NZS 5601.1 - 5.2.10)		☐	Combustion Air Control AS 3814 - 2.16/2.17/2.18)	
☐	Flueing (AS/NZS 5601.1 6.8) Natural/Mechanical		☐	Test Points suitable and sufficient (AS 3814 2.13)	
☐	Dampers (AS/NZS 3814 2.19) Fixed/Auto		☐	Appliance Valve Train (AS 3814 2.9)	
☐	Regulator and Relief Vents (AS/NZS 5601.1- 5.11)		☐	Clearance from Combustibles (AS/NZS 5601.1 - 6.2.5)	
☐	Valve Train as Per Submission		☐	Installed as Per Submission	
☐	Wiring diagram supplied complies with Gas Safety Standards, Voltage Free contacts, PLC Interfaces and Solid State Devices		☐	As built Schematics provided	

Interlocks

Natural Ventilation (AS/NZS 5601.1 - 6.4)	High	☐	Nett Area m2			
	Low	☐	Nett Area m2			
Main OPSO (AS 3814 - 2.11)	Lockout	☐	Set @kPa			
Pilot OPSO (AS 3814 - 2.11)	Lockout	☐	Set @kPa			
Regulator Accuracy (AS 3814 - 2.10.3)	% Pressure Drop					
Appliance Operating Pressure	Inlet.....kPa		Outlet.....kPa		Burner.....kPa	
Pilot High Gas P/S (AS 3814 - 2.11)	Lockout	☐	Set.....kPa		Trip.....kPa	
Pilot Low Gas P/S (AS 3814 - 2.12)	Lockout	☐	Set.....kPa		Trip.....mb	
Main High Gas P/S (AS 3814- 2.11)	Lockout	☐	Set.....mb		Trip.....mb	
Main Low Gas P/S (AS 3814- 2.12)	Lockout	☐	Set.....mb		Trip.....mb	
Combustion Air (AS 3814 - 2.18/2.21)	Trip	☐	Self Check	☐	Set	Trip
Recirculation Air (AS 3814 2.18-2.21)	Trip	☐	Self Check	☐	Set	Trip
Exhaust Air (AS 3814 2.18 / 2.21)	Trip	☐	Self Check	☐	Set	Trip
High Pressure (AS 3814 3.4)	Trip	☐	Set@.....kPa		Trip.....kPa	
High Temperature (AS 3814 3.4)	Trip	☐	Set°C		Trip °C	
Other Limits (AS 3814 3.4)	Trip	☐	Details.....			
Flame Supervision (AS 3814 2.25-3.5)	Self Check	☐	Lockout	☐		
Explosion Relief to AS 1375		☐	Sizem ²			
Main/Pilot Dry Run Sequence Test ☐						
SSOV Pressure Test (AS 3814 2.9/3.6)						
Main	1 st Block	☐	2 nd Block	☐	Vent	☐
Pilot	1 st Block	☐	2 nd Block	☐	Vent	☐
SSOV System (AS 3814 2.15)						
	Position Proving	☐	Leakage Detection	☐	CPI	☐
Mechanical Ventilation (AS/NZS 5601.1 - 6.4)						
Interlocked	☐	Self Check	☐	Set @	Trip @	

SPECIAL HAZARDS	Nil	☐	Solvents	☐	Dusts	☐	Other	☐
AFTERBURNERS	Combined Appliances	☐	Flammable Gases	☐	Solid Wastes	☐	Liquid Wastes	☐
FLUE GAS USE	Hot house	☐	Inerting	☐	Other	☐		
OTHER PROCESSES	Combined Appliances	☐	Flue Gas Use	☐	Drying	☐	High Temp	☐

Additional Requirements

	Yes
Installation risk assessment received from person in control of appliance (AS3814 2.1).	☐
Certificate of Inspection of Boiler sighted if applicable (AS 3814 5.6).	☐
Appliance Instructions provided (AS 3814 4.2).	☐
Electrical signoff sighted for hazardous zones (if applicable).	☐
Has the as commissioned data been provided to the Owner/Operator.	☐

Comments:

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Signed:

Commissioning Person:

Commissioned Date:

Please return to:

Director of Gas Safety
Consumer, Building and Occupational Services
PO Box 56
ROSNY PARK TAS 7018

*If a number of commissioning tests were carried out within the one acceptance please provide information of **all** test completed.*

Also forward copies of the commissioning checklist to the owner of the Type B installation for their records.