

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
<input type="checkbox"/>	Burner / Control Access (AS 3814 2.2)		<input type="checkbox"/>	Start Gas Rate (AS 3814 3.2.3)	
<input type="checkbox"/>	Appliance Location AS 5601 5.3/AG 501 2.1.2)		<input type="checkbox"/>	Start Gas Flame Establishment Time (AS 3814 3.2.2.3)	
<input type="checkbox"/>	Appliance Isolation Valve (AS 5601 5.6/AG 501 2.8.7)		<input type="checkbox"/>	Start Gas Flame Proving Period (AS 3814 3.3.1)	
<input type="checkbox"/>	Ventilation (AS 5601 5.4,5.5/AG 501 2.15) Natural/Mechanical		<input type="checkbox"/>	Main Flame establishment Period (AS 3814 3.3.2 (2 - 5 secs)	
<input type="checkbox"/>	Emergency Valve and Sign (AS 5601 4.2.9)		<input type="checkbox"/>	Combustion Air Control AS 3814 2.15/2.16/2.17)	
<input type="checkbox"/>	Flueing (AS 5601 5.13) Natural/Mechanical		<input type="checkbox"/>	Test Point at Outlet Of All Components (AS 3814 2.12)	
<input type="checkbox"/>	Dampers (AS 3814 2.18) Fixed/Auto		<input type="checkbox"/>	Appliance Valve Train (AS 3814 2.8)	
<input type="checkbox"/>	Regulator and Relief Vents (AS 5601 5.7.5/AG 501 2.9,2.14.8)		<input type="checkbox"/>	Clearance from Combustibles (AS 5601 5.2.7)	
<input type="checkbox"/>	Valve Train as Per Submission		<input type="checkbox"/>	Installed as Per Submission	
<input type="checkbox"/>	Wiring diagram supplied complies with Gas Safety Standards, Voltage Free contacts, PLC Interfaces and Solid State Devices		<input type="checkbox"/>	As built Schematics provided	

Interlocks

Natural Ventilation (AS 5601 5.4)	High	<input type="checkbox"/>	Nett Area m2			
	Low	<input type="checkbox"/>	Nett Area m2			
Main OPSO (AS 3814 2.10)	Lockout	<input type="checkbox"/>	Set @kPa			
Pilot OPSO (AS 3814 2.10)	Lockout	<input type="checkbox"/>	Set @kPa			
Regulator Droop (AS 3814 2.9.3)		<input type="checkbox"/>	% Pressure Drop			
Appliance Operating Pressure	InletkPa		Outlet.....kPa		Burner.....kPa	
Pilot High Gas P/S (AS 3814 2.10)	Lockout	<input type="checkbox"/>	Set.....mb		Trip.....mb	
Pilot Low Gas P/S (AS 3814 2.11)	Lockout	<input type="checkbox"/>	Set.....mb		Trip.....mb	
Main High Gas P/S (AS 3814 2.10)	Lockout	<input type="checkbox"/>	Set.....mb		Trip.....mb	
Main Low Gas P/S (AS 3814 2.11)	Lockout	<input type="checkbox"/>	Set.....mb		Trip.....mb	
Combustion Air (AS 3814 2.15-2.19)	Trip	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set	Trip
Recirculation Air (AS 3814 2.15-2.19)	Trip	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set	Trip
Exhaust Air (AS 3814 2.15-2.19)	Trip	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set	Trip
High Pressure (AS 3814 3.4)	Trip	<input type="checkbox"/>	Set@.....kPa		Trip.....kPa	
High Temperature (AS 3814 3.4)	Trip	<input type="checkbox"/>	Set°C		Trip°C	
Other Limits (AS 3814 3.4)	Trip	<input type="checkbox"/>				
Flame Supervision (AS 3814 2.24-3.5)	Self Check	<input type="checkbox"/>	Lockout	<input type="checkbox"/>		
Explosion Relief to AS 3175		<input type="checkbox"/>	Sizem ²			
Main/Pilot Dry Run Sequence Test <input type="checkbox"/>						
SSOV Pressure Test (AS 3814 – 2.8/3.7)						
	Main	1 st Block	<input type="checkbox"/>	2 nd Block	<input type="checkbox"/>	Vent <input type="checkbox"/>
	Pilot	1 st Block	<input type="checkbox"/>	2 nd Block	<input type="checkbox"/>	Vent <input type="checkbox"/>
SSOV System (AS 3814 2.14.3)						
	Position Proving		<input type="checkbox"/>	Leakage Detection	<input type="checkbox"/>	CPI <input type="checkbox"/>
Mechanical Ventilation (AG 3054 5.4.3.4)						
Interlocked	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set @	Trip @	

