

**TYPE B APPLIANCE AS COMMISSIONED SETTINGS**

<b>Owner:</b> .....
<b>Location/Address:</b> .....
<b>Type B Appliance:</b> .....
<b>Date:</b> .....

**Combustion Analysis**

(AS 3814-3.6/5.7)

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

**Air Flow Rates**

	Actual	Required
Purge Air Flow	M <sup>3</sup> /hr	M <sup>3</sup> /hr
Dilution Air Flow	M <sup>3</sup> /hr	M <sup>3</sup> /hr
Ventilation Air Flow	M <sup>3</sup> /hr	M <sup>3</sup> /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 5601.1 - 6.3)	<input type="checkbox"/>	Start Gas Flame Establishment Time (AS 3814 3.2.2.3)
<input type="checkbox"/>	Appliance Isolation Valve (AS 5601.1 – 6.6.3 )	<input type="checkbox"/>	Start Gas Flame Proving Period (AS 3814 3.3.1)
<input type="checkbox"/>	Ventilation (AS 5601.1 – 6.4) 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 5601.1 - 5.2.12)	<input type="checkbox"/>	Combustion Air Control AS 3814 - 2.16/2.17/2.18)
<input type="checkbox"/>	Flueing (AS 5601.1 6.8) Natural/Mechanical	<input type="checkbox"/>	Test Points suitable and sufficient (AS 3814 2.13)
<input type="checkbox"/>	Dampers (AS 3814 2.19) Fixed/Auto	<input type="checkbox"/>	Appliance Valve Train (AS 3814 2.9)
<input type="checkbox"/>	Regulator and Relief Vents (AS 5601.1- 5.11)	<input type="checkbox"/>	Clearance from Combustibles (AS 5601.1 - 6.2.5)
<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 5601.1 - 6.4)	High	<input type="checkbox"/>	Nett Area ..... m2			
	Low	<input type="checkbox"/>	Nett Area ..... m2			
Main OPSO (AS 3814 - 2.11)	Lockout	<input type="checkbox"/>	Set @ .....kPa			
Pilot OPSO (AS 3814 - 2.11)	Lockout	<input type="checkbox"/>	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	<input type="checkbox"/>	Set.....kPa		Trip.....kPa	
Pilot Low Gas P/S (AS 3814 - 2.12)	Lockout	<input type="checkbox"/>	Set.....kPa		Trip.....mb	
Main High Gas P/S (AS 3814- 2.11)	Lockout	<input type="checkbox"/>	Set.....mb		Trip.....mb	
Main Low Gas P/S (AS 3814- 2.12)	Lockout	<input type="checkbox"/>	Set.....mb		Trip.....mb	
Combustion Air (AS 3814 - 2.18/2.21)	Trip	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set .....	Trip .....
Recirculation Air (AS 3814 2.18-2.21)	Trip	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set .....	Trip .....
Exhaust Air (AS 3814 2.18 / 2.21)	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"/>	Details.....			
Flame Supervision (AS 3814 2.25-3.5)	Self Check	<input type="checkbox"/>	Lockout	<input type="checkbox"/>		
Explosion Relief to AS 3175		<input type="checkbox"/>	Size .....m <sup>2</sup>			
Main/Pilot Dry Run Sequence Test <input type="checkbox"/>						
SSOV Pressure Test (AS 3814 2.9/3.6)						
	<b>Main</b>	1 <sup>st</sup> Block	<input type="checkbox"/>	2 <sup>nd</sup> Block	<input type="checkbox"/>	Vent <input type="checkbox"/>
	<b>Pilot</b>	1 <sup>st</sup> Block	<input type="checkbox"/>	2 <sup>nd</sup> Block	<input type="checkbox"/>	Vent <input type="checkbox"/>
SSOV System (AS 3814 2.15)						
		Position Proving	<input type="checkbox"/>	Leakage Detection	<input type="checkbox"/>	CPI <input type="checkbox"/>
Mechanical Ventilation (AS 5601.1 - 6.4)						
	Interlocked	<input type="checkbox"/>	Self Check	<input type="checkbox"/>	Set @ .....	Trip @ .....

<b>SPECIAL HAZARDS</b>	<b>Nil</b>	<input type="checkbox"/>	<b>Solvents</b>	<input type="checkbox"/>	<b>Dusts</b>	<input type="checkbox"/>	<b>Other</b>	<input type="checkbox"/>
<b>AFTERBURNERS</b>	Combined Appliances	<input type="checkbox"/>	Flammable Gases	<input type="checkbox"/>	Solid Wastes	<input type="checkbox"/>	Liquid Wastes	<input type="checkbox"/>
<b>FLUE GAS USE</b>	Hot house	<input type="checkbox"/>	Inerting	<input type="checkbox"/>	Other	<input type="checkbox"/>		
<b>OTHER PROCESSES</b>	Combined Appliances	<input type="checkbox"/>	Flue Gas Use	<input type="checkbox"/>	Drying	<input type="checkbox"/>	High Temp	<input type="checkbox"/>

**Additional Requirements**

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

**Comments:**

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**Signed:**.....

**Commissioning Person:** .....

**Commissioned Date:**.....

*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.*