



**KEY TO DIAGRAM**

X1	-	BURNER TERMINAL RAIL
X2	-	7 POLE CONNECTOR
X3	-	GAS TRAIN PLUG
X4	-	4 POLE CONNECTOR
S1	-	ON/OFF SWITCH
S2	-	LOCKOUT RE-SET SWITCH
H1	-	OPERATION LIGHT
H2	-	LOCK-OUT SIGNAL LIGHT
H3	-	REMOTE LOCKOUT LIGHT
H4	-	REMOTE BURNER RUN LIGHT
TA	-	IGNITION TRANSFORMER
E1	-	IONISATION ELECTRODE
K1	-	FAN MOTOR CONTACTOR
F1	-	THERMAL RELAY
PA	-	AIR PRESSURE SWITCH
MV	-	MOTOR
TS	-	SAFETY THERMOSTAT
TC	-	CONTROL THERMOSTAT
T2	-	SECOND STAGE THERMOSTAT
SQN72	-	AIR DAMPER MOTOR
LMG 22	-	LANDIS & STAEEFA CONTROL
YP	-	AIR GAS RATIO GAS VALVE
Pm	-	GAS PRESSURE SWITCH (MIN)
PM	-	GAS PRESSURE SWITCH (MAX)

Y10 SQN72 . 2A4A20BT IV > III

0 - 10v  
Signal