

HUNT BOILERS

A division of Forbes (Aust) Pty Ltd

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ALL DIMENSIONS IN MILLIMETRES

DRAFT **P.C.H.**

PART # **VSL500GA**

A4

DO NOT SCALE THIS DRAWING

DATE 16/04/03

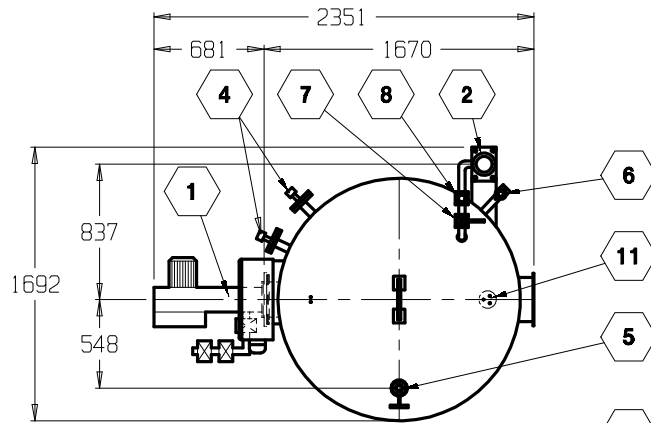
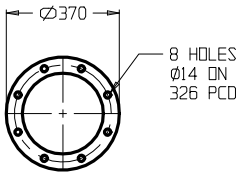
TITLE/PART

ALFAREL VSL500 (500 kW) VERTICAL TUBELESS STEAM BOILER

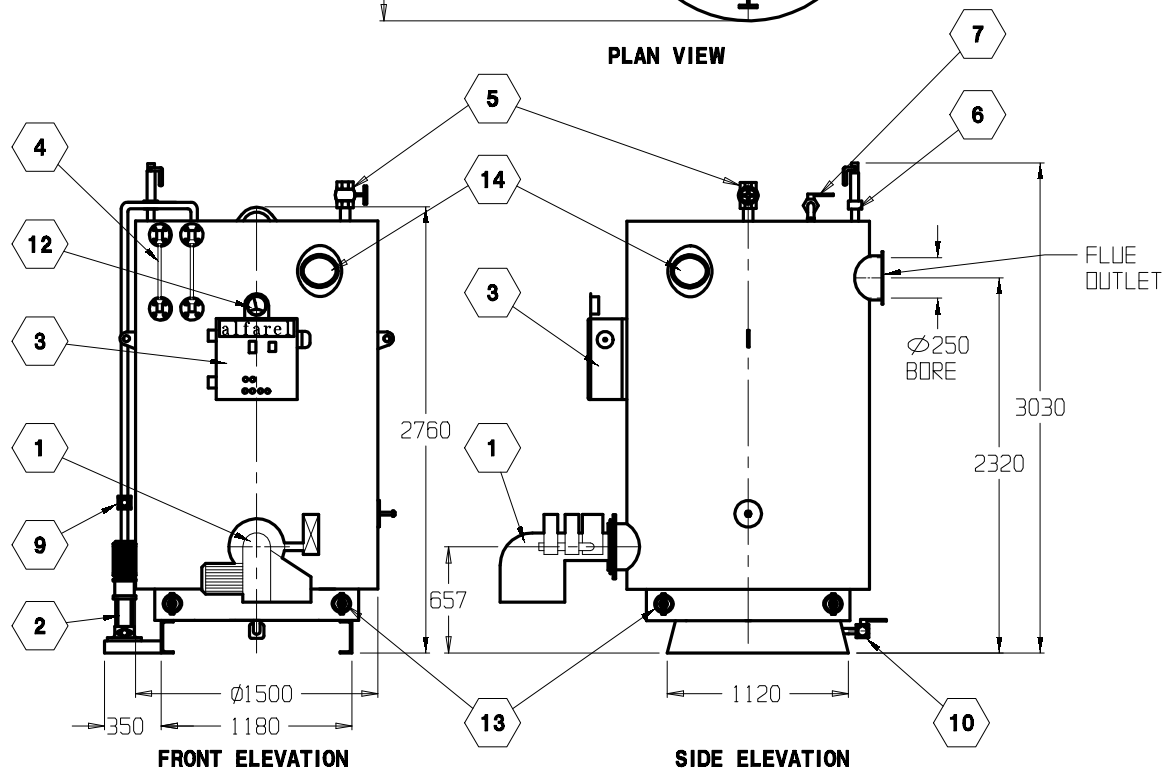
COMPUTER AIDED DRAFT

PASSED **

FLUE FLANGE DETAIL



PLAN VIEW



SPECIFICATIONS:

VERTICAL TUBELESS STEAM BOILER
MODEL; VS500/700 kPa
KILOWATT RATING; 500
CLASS 2B VESSEL AS1228, TABLE 1.5

OPERATING PRESSURE; 700 kPa
DESIGN PRESSURE; 710 kPa
EVAPORATION; 798.5 kg/hr
INPUT; 2250 Mj/hr
OUTPUT; 1800 Mj/hr
DIESEL OIL; 57.8 L/hr
L.P.G.; 87.9 L/hr
NATURAL GAS; 58.1 M³/hr
HEATING SURFACE; 14.70 M²
SHIPPING WEIGHT; 2607 KILOGRAMS
FLOODED CAPACITY; 1946 LITRES
OPERATING CAPACITY; 1427 LITRES
FOOTPRINT AREA; 1680 CM²

NOTE: ALL CONNECTIONS FOR SERVICES ARE THREADED BSP

ITEM	DESCRIPTION	MANUFACTURER	MODEL	SIZE	QTY
14	STEAM SPACE DOOR	HUNT	225 x 180		1
13	WATER SPACE DOOR	HUNT	115 x 90		4
12	PRESSURE GAUGE	DOBBIE	GPO-2500	100	1
11	WATER LEVEL PROBE	HUNT	WLPH0000		3
10	BLOWDOWN VALVE	PEGLER	P.H.310	40NB	1
9	CHECK VALVE VERT	TOYO	FIG 230	25NB	1
8	CHECK VALVE HORZ	JOHNS	FIG 521	25NB	1
7	FEEDWATER VALVE	PINTOSI	FIG 2010	25NB	1
6	SAFETY VALVE	CONSOLIDATED	FIG 1543	32NB	1
5	MAIN STEAM VALVE	JOHNS	FIG 501	50NB	1
4	GAUGE GLASS MOUNT	KLINGER	AB12	20NB	2
3	CONTROL PANEL	HUNT	EPANEL50		1
2	PUMP	GRUNDFOS	CR2-130	25NB	1
1	BURNER	SAACKE	PA10/PAG10		1