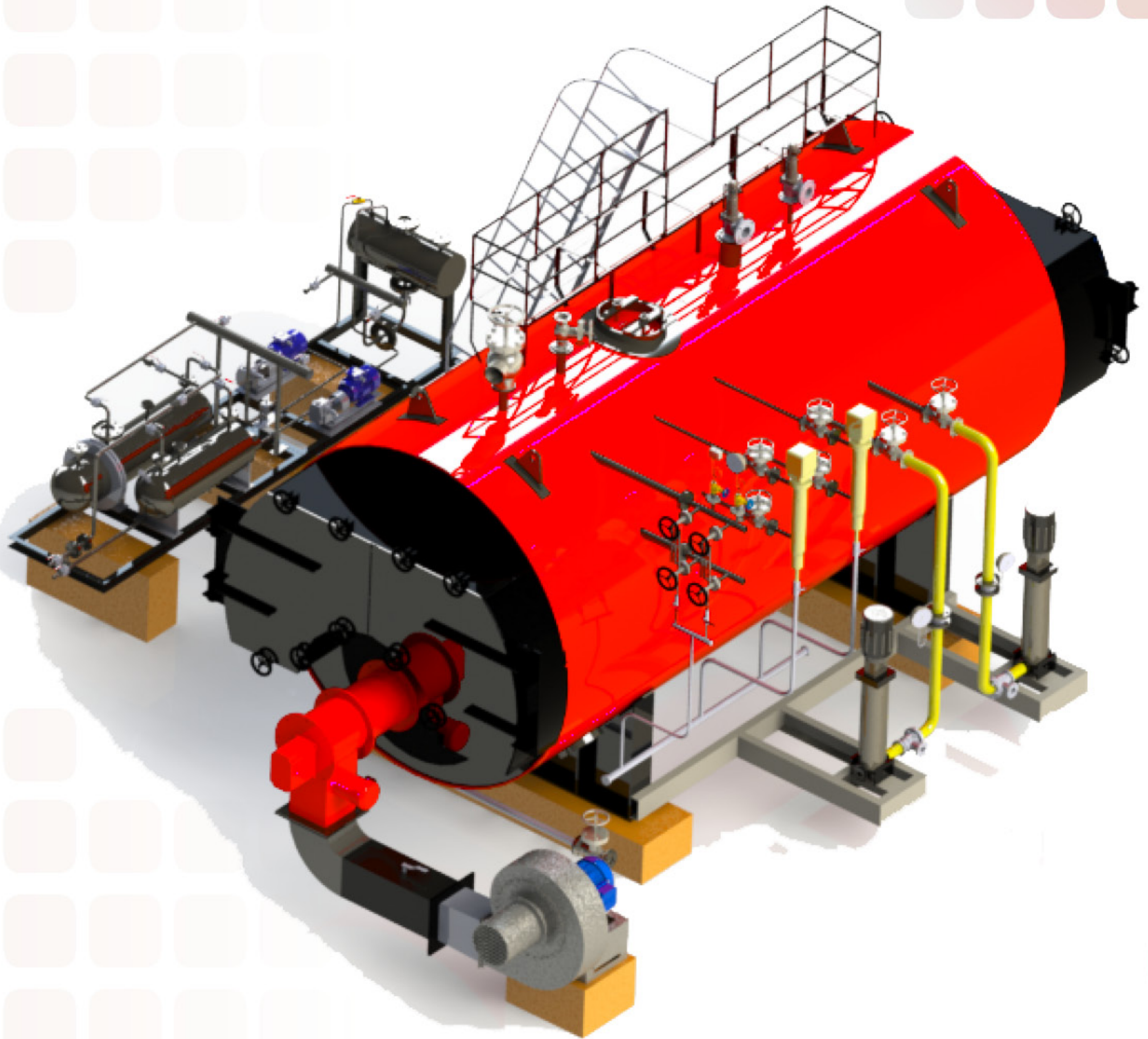


OIL/GAS FLAME



"SHANTI" ENERGY EFFICIENT SYSTEMS



SHANTI
BOILERS
Heating solutions

ABOUT US

Shanti Boilers & Pressure Vessels P Ltd is one of the leading names in the field of Boilers and heating systems for over three decades. We are the first to manufacture boilers from the state of Telangana & Andhra Pradesh. Our Management comprises of technically qualified people both at management levels and at the technical support level. Our Business mission is to provide maximum efficiency and sustainable solutions in energy through our products.

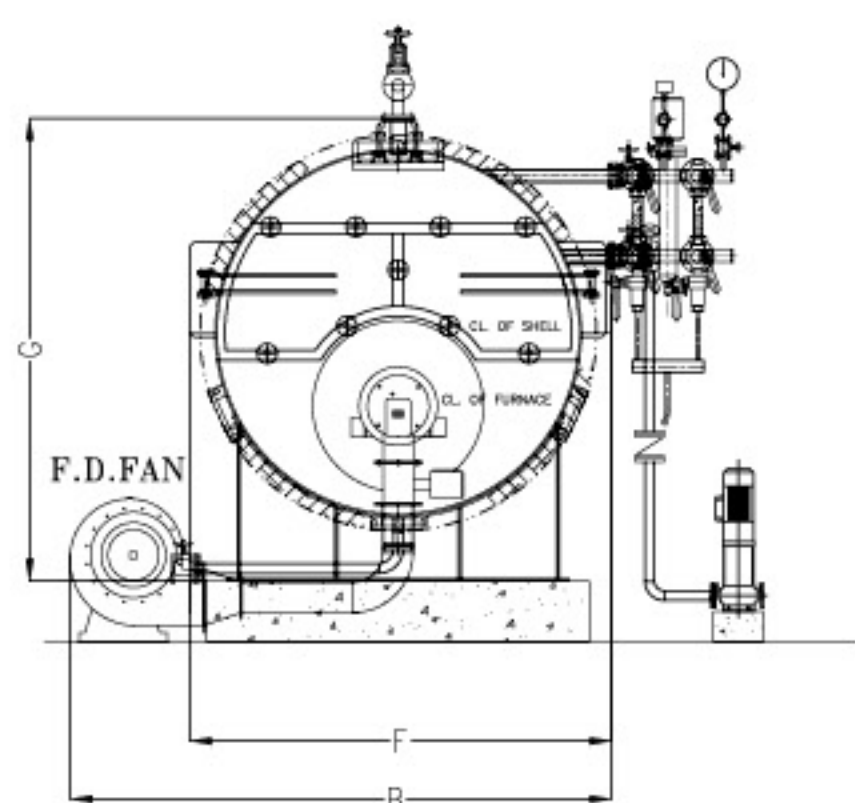
With decades of experience in the process industry we customize integrated solutions for project requirements for a wide range of industries such as Drugs, Pharma, Chemicals, Plywood, Rice Mills, Paper, Dairy, Food Processing and many more areas.

SHANTI OIL FLAME/GAS FLAME

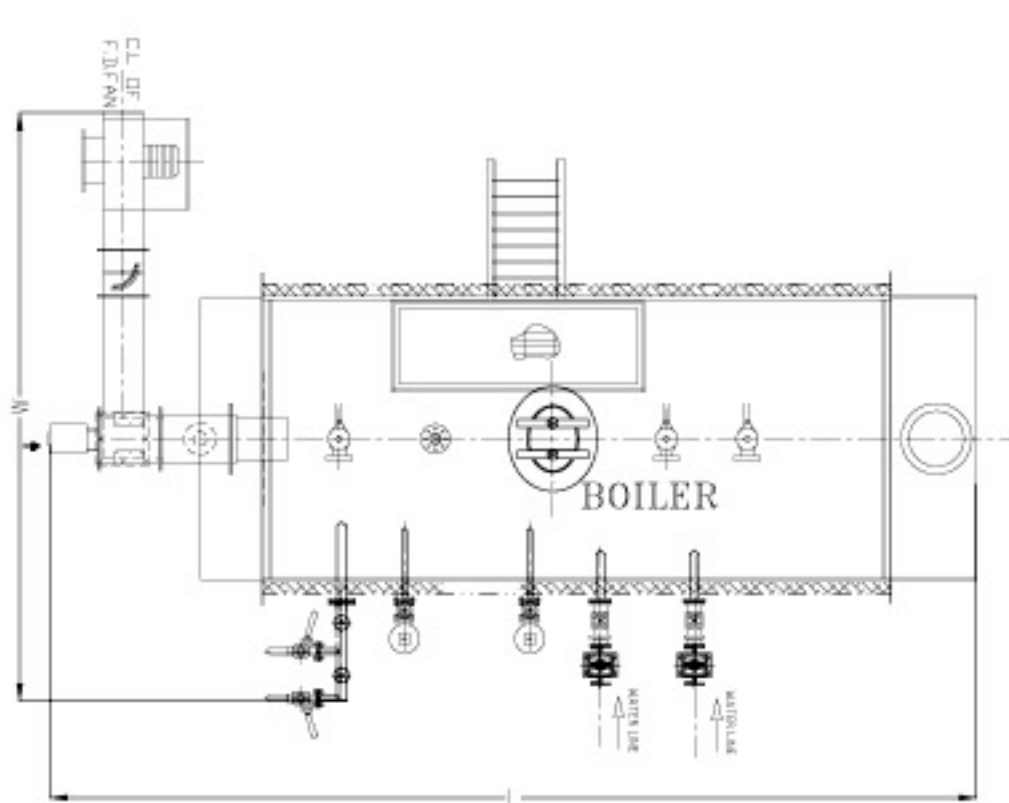
SHANTI OILFLAME /GAS FLAME are premium Fire tube products and provides maximum efficiency. Our boilers are available in wide range pressures and premium control packages. All boilers are pre-assembled, tested at our works before dispatch. Our products are designed to minimise radiation and convection losses and provide maximum combustion and thermal efficiency.

TECHNICAL SPECIFICATIONS OF OILFLAME / GASFLAME

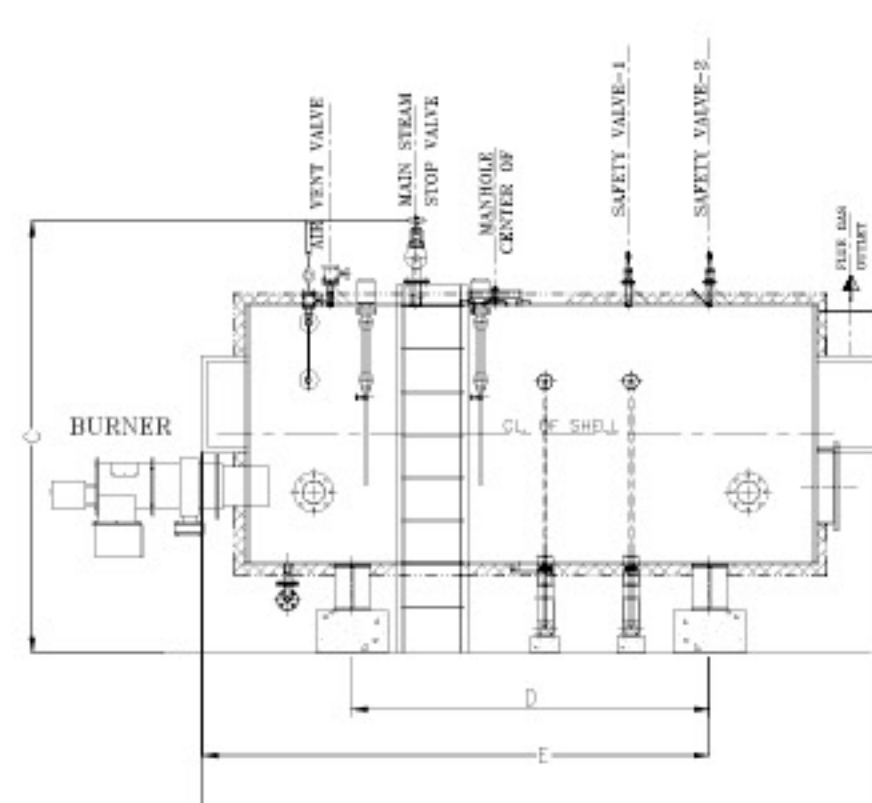
DESCRIPTION	UNIT	SBH-OF-50	SBH-OF-100	SBH-OF-200	SBH-OF-300	SBH-OF-400	SBH-OF-500	SBH-OF-600	SBH-OF-800
Capacity (F&A 100°C)	kg/hr	500	1000	2000	3000	4000	5000	6000	8000
Design Pressure(SVLOP)	kg cm ² g				10.54/17.5				
Efficiency(Husk)	%				92(As per BS845 Part1 NCV Basis)				
Fuel					FO,LDO,HSD				
Fuel Firing System					Automatic (with Pressure Jet Burner)				
Fuel Consumption (LDO/FO)	kg/hr	28/32	55/62	112/125	167/188	224/251	280/314	335/377	447/502
Connected Electrical Load									
Standard Unit (with LDO/HSD)	HP	4	5	11	15.5	25	27.5	30	30
with FO	HP	6.6	6+2KW	13.5+6KW	18+6KW	27.5+9KW	27.5+9KW	30+9KW	30+10
Dimensions & Weight									
Unit Assembly (AxBxCxD)	m	2.6x2.25x2.17x1.35	3.8x2.62x2.65x1.6	4.8x2.8x2.92x2.5	4.8x3.2x3.3x2.5	5.45x3.4x3.45x2.8	6.1x3.65x3.6x3.0	6.45x3.775x3.75x3.2	6.95x4.1x4.0x3.8
Transport (ExFxG)	m	1.975x1.465x1.665	2.7x1.87x2.07	3.5x2.1x2.3	3.5x2.25x2.45	4.0x2.5x2.7	4.55x2.72x2.92	4.8x2.8x3.05	5.1x3.1x3.4
Layout (LxW)	m	1.8x2.0	2.6x3.1	3.0x5.8	3.5x6.0	3.6x6.5	3.85x7.0	4.0x7.5	4.2x8.0
Chimney Top Diameter	mm	250	350	450	500	600	600	600	750
Dry Weight (10.54/17.5)	Ton	3/3.5	6/7	9/11	12/14	15/17	18/20	24/27	-
Flooded Weight (10.54/17.5)	Ton	4.5/5	10/12	17/18	22/25	34/38	33/36	51/55	51/55



FRONT ELEVATION



PLAN

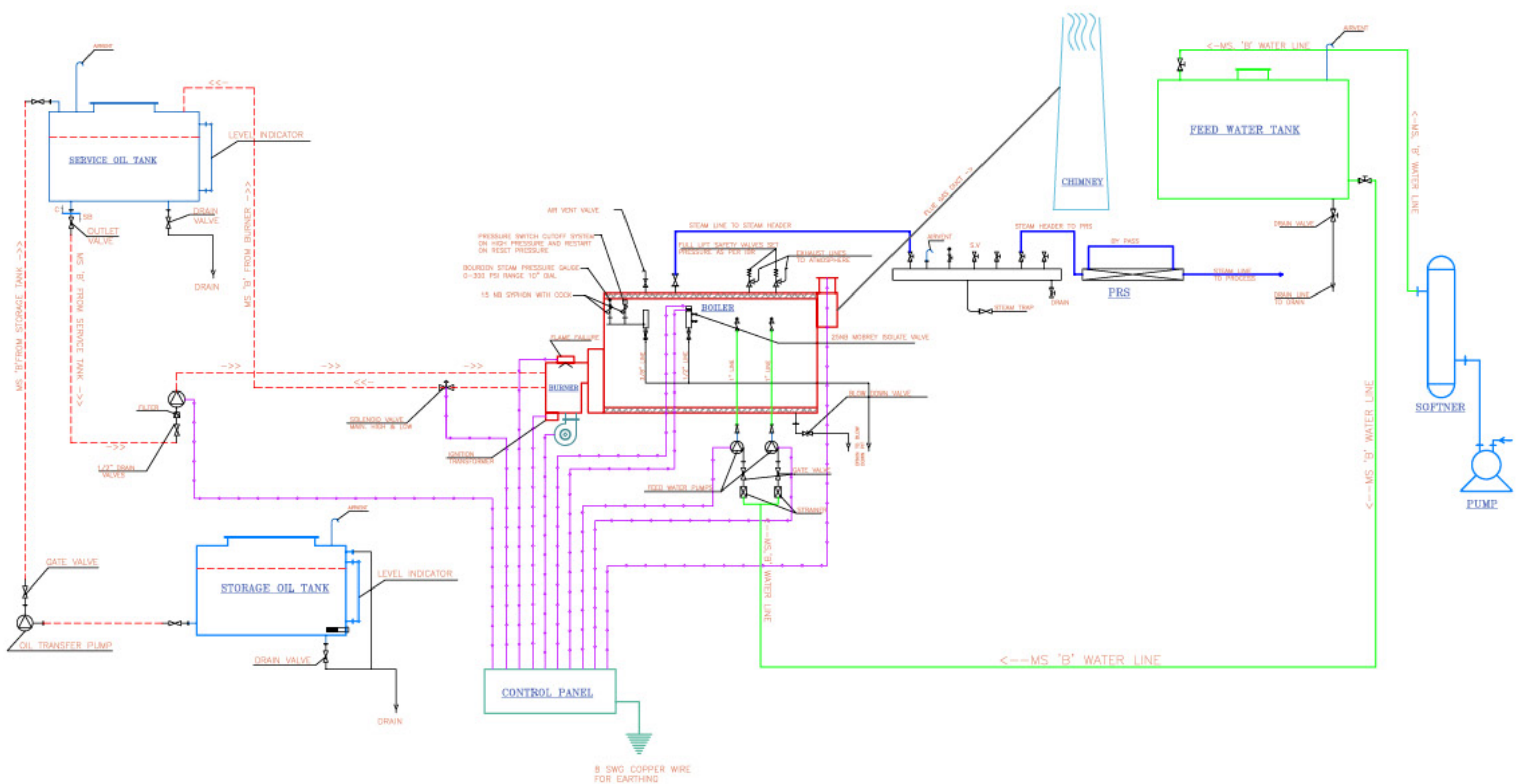


R.H.S. ELEVATION

SALIENT FEATURES OF OILFLAME / GASFLAME

1. Low Emission Option of Fire Tube Boiler reduces nitrogen (NOX) emission. CO is also lower due to increased turbulence created in the furnace thereby improving combustion.
2. SHANTI OILFLAME & GASFLAME Boiler and Components are in compliance with Latest IBR, ASME and other major national and international standard code of design and construction.
3. Boiler are provided with Highly efficient Burner with ON/OFF type & step less modulation.
4. All Boilers are designed with HIGH FUEL TO STEAM Efficiency. - 4: 1 turn down ratio (gas & oil) is standard.
5. Advanced Burner design provides maximum combustion efficiency and high turn down.
6. Boilers are available with Oil (Heavy & Light) , GAS (CNG, LPG & BIOGAS) , Dual Fuel Burners.
7. Boiler are designed with High Burner gas velocities ensuring complete ful air mix for maximum combustion and overall efficiency.
8. Skid Mounted on a Single Base for easy installation at site.
9. Radiation Shield provided in the front and Rear give Air Insulation and Easy Operation.
10. OILFLAME & GASFLAME Boilers pass through strict Quality Test like Radiography , Stress Relieving & NDT.
11. Hinged and Davited Front and Rear Doors provide full access to front and rear tubes and Furnace.
12. Low Furnace Location: A unique feature of SHANTI OILFLAME & GASFLAME Series is Low Furnace Location that is well below the water level with generous clearance from bottom of Boiler allowing proper circulation. Low Furnace provides additional safety margin between Furnace and Water Level.
13. Reduces water carryover providing Drier Steam.

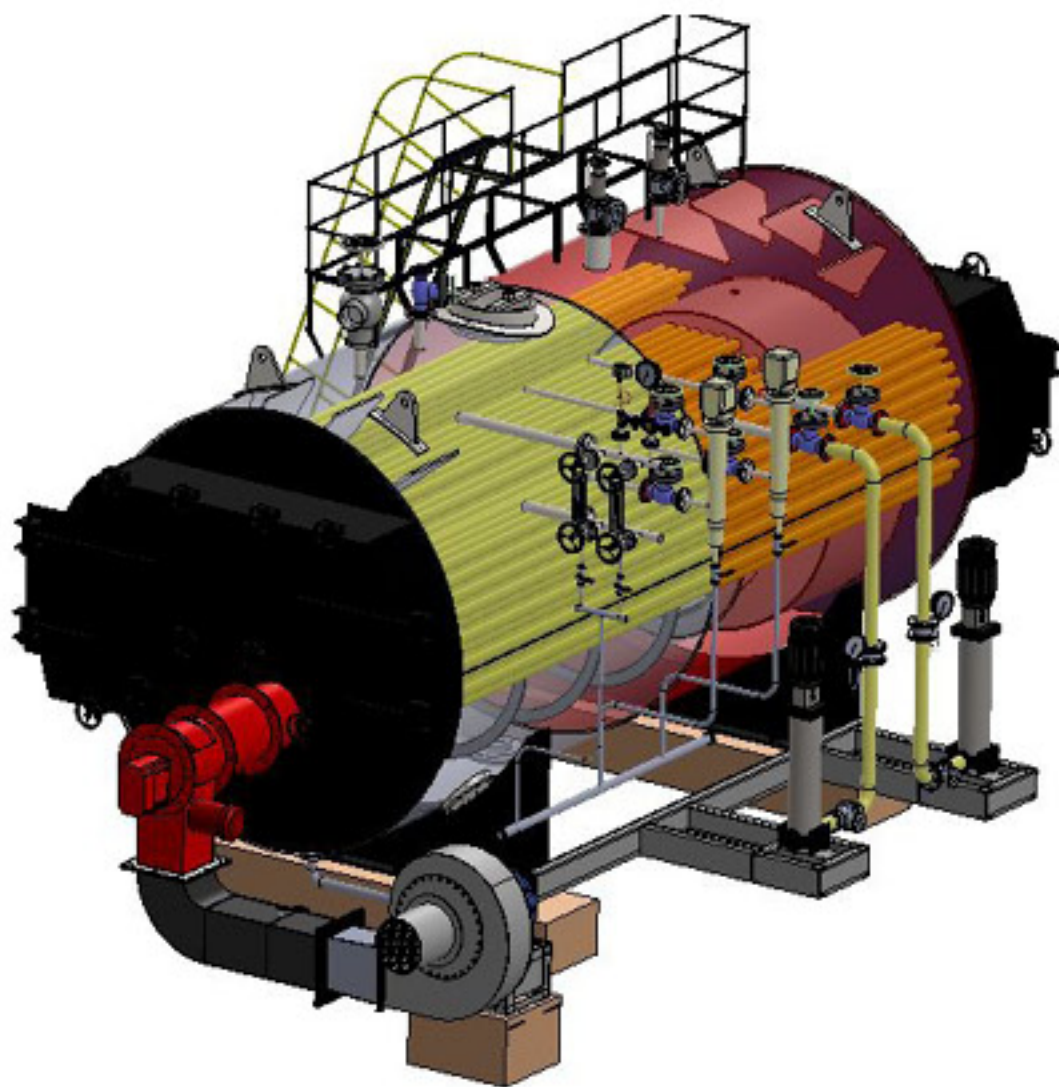
P & I DIAGRAM FOR OIL FLAME AND GAS FLAME BOILERS



All SHANTI OILFLAME /GAS FLAME boilers pass through stringent quality test viz. Radiography test, Stress relieving test and NDT.

OUR PRODUCTS

- INDUSTRIAL BOILERS (Coal / Husk / Oil / Gas / Agro Fuels Fired)
- COGENERATION PLANTS
- FLUIDIZED BED BOILERS (Coal / Husk / Agro Fuels)
- THERMIC FLUID HEATER (Coal / Husk / Oil / Gas / Agro Fuels Fired)
- SMALL INDUSTRIAL BOILERS
- POLLUTION CONTROL EQUIPMENTS (BAG FILTER /DUST COLLECTOR / WET SCRUBBER)
- INDUSTRIAL BLOWERS (ID & FD FANS , PA FANS)
- INDUSTRIAL BURNERS & BURNER SPARES
- PRESSURE VESSELS (AS ASME & IBR CODES)
- HEAVY FABRICATION OF BALANCE OF PLANT
- BOILER ERECTION & STEAM PIPING
- WASTE WATER TREATMENT PLANTS
- WATER TREATMENT PLANTS
- SOLAR PV & THERMAL SYSTEMS



OFFICE / CHANNEL PARTNER

IN INDIA

VIJAYAWADA, VIZAG, BHUVANESHWAR, KOLKATA, BANGALORE, MANGALORE, COCHIN, KANNUR, NASIK, MUMBAI

ABROAD

DHAKA, SRILANKA, MYANMAR, KENYA, GHANA, NIGERIA, DUBAI



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WILD IDEAS
The Creative Nucleus
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