



Low pressure steam generator
BP VAPORPRESS



The design and construction of the BP Vaporpress boilers and the components used provide the user with absolute operating reliability and safety. The striking feature of the BP Vaporpress is the certainty of constant availability of "dry steam, - i.e. with a saturation level very close to 1 even with significant take-off peaks, essential in many industrial processes. Only long experience in the steam general field, combined

with an efficient industrial organization, ICI manufacturer can guarantee to the user an investment which is truly "a sure thing" from both operation and lifetime points of view.

ECONOMICAL OPERATION

The BP Vaporpress generator ensures the most economical operation possible with current technologies: it is the result of



research, laboratory experiments and in-depth knowledge of the user's requirements.

VERSATILE OPERATION

The BP Vaporpress is designed for a considerable heat output and when combined with the STEAM DOME it is capable of meeting remarkably high peaks in demand without any water being conveyed into the system

INSTRUMENTATION AND SAFETY DEVICES

- N.1 operating pressure switch
- N.1 safety pressure switch
- N.1 direct reading level indicator
- N.2 level control valves
- N.1 pressure gauge with holder
- N.1 safety valve (I.S.P.E.S.L. approved)
- N.1 feeder unit complete with centrifugal electric fan, N.3 cut-off valves, N.2 check valves and N.1 filter on the pump suction line
- N.1 sludge discharge assembly
- N.1 main steam take-off valve
- N.1 control and safety system for water level including: N.2 probes placed on the cylinder for the pump control, N.2 safety valves for the burner stop
- N.1 control board, IP 54 protection degree, complete with: general switch, burner switch, fuses, remote-overload cutout and remote control switch for

water pump, aut-man selector for water pump, lights, electronic relay for the regulation and safety of water level, resetting switches, acoustic alarm

The electric instruments are connected to the terminal board with silicone no-flame propagation cables and inserted in sheath and shunt boxes

MAIN COMPONENTS LIST

- Electrical control panel
- Service pressure switch
- Safety probes
- Pressure gauge
- Safety pressure switch
- Automatic level regulator with probes
- Level indicator
- Cylinder drain
- Front door
- Testing level valves
- Flame control indicator light
- Burner mounting plate
- Steam take-off coupling
- Steam dome
- Inspection hatch
- Safety valve coupling
- Feeding coupling
- Rear fume chamber
- Chimney connection
- Cleaning door
- Drain

