



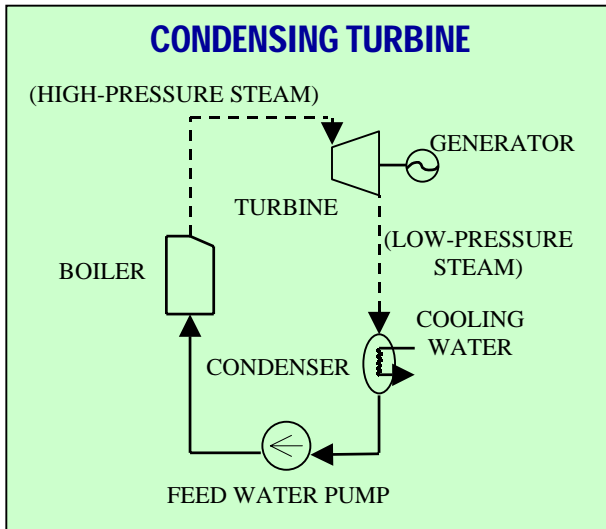
YOSHIMINE POWER PLANT & BOILER

ELECTRIFICATION SYSTEM



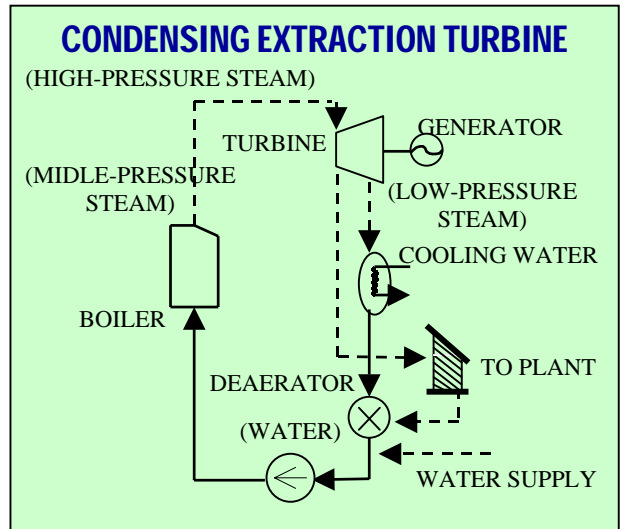
YOSHIMINE CO., LTD.

GUIDE FOR INSTALLATION OF PRIVATE POWER GENERATION SYSTEM



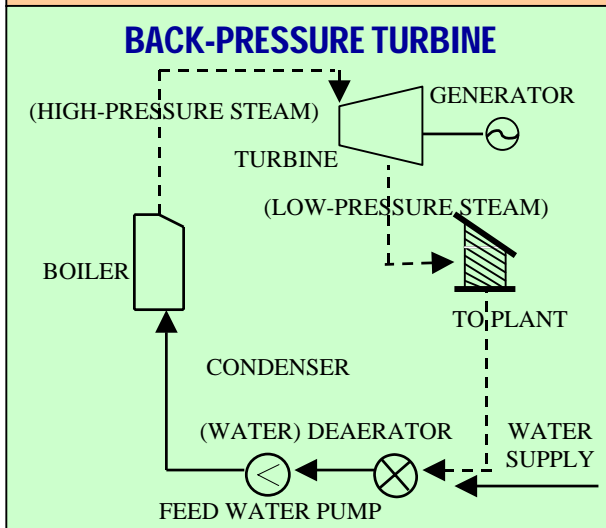
The main purpose of this type of turbine is power generation. To increase the turbine efficiency, the condenser is provided and the steam generated from the boiler is expanded to an extremely low pressure (high vacuum) so that the heat energy can be sufficiently utilized.

Specifically for power generation



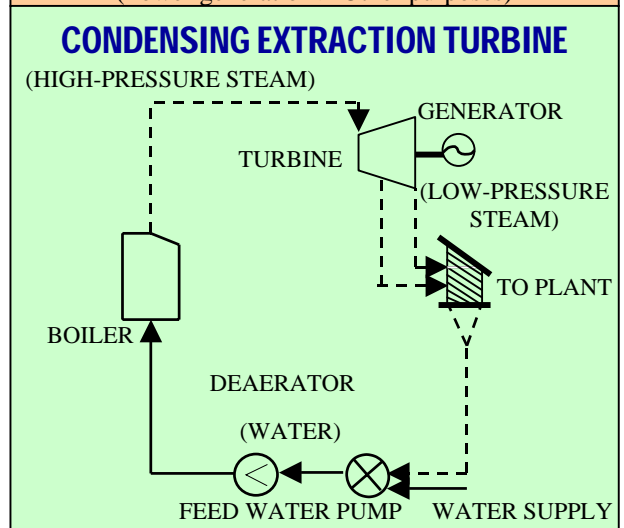
Steam for the plant is extracted from the intermediate stage of the turbine. If any different pressure of steam is required for the plant, you can set two or extraction stages.

Multi-purpose utilization of steam
(Power generation > Other purposes)



Unlike the condensing turbine, the steam displacement from the turbine is supplied to the plant or to the other specified places, at the specified pressure, and it isn't guided to the condenser. Therefore, no condenser is provided.

Multi-purpose utilization of steam
(Power generation < Other purposes)



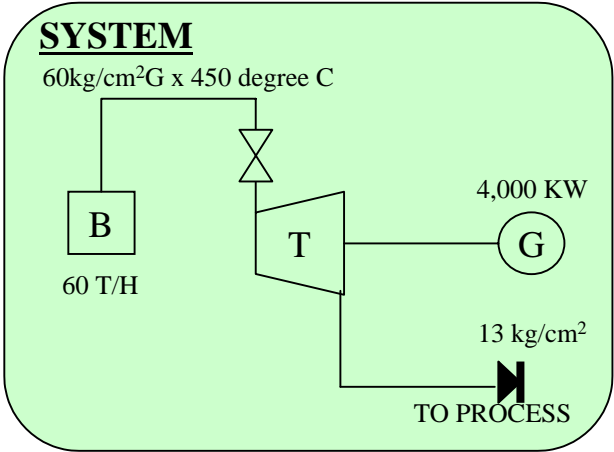
When you use a back-pressure turbine, if there are two or more kinds of steam for the plant, this turbine allows extracting steam from the intermediate stage of turbine like the condensing extraction turbine.

Same as the left-side column

WASTE WOOD FIRING POWER PLANT (4,000KW)

INSTALLED FOR PLYWOOD FACTORY

SYSTEM DIAGRAM

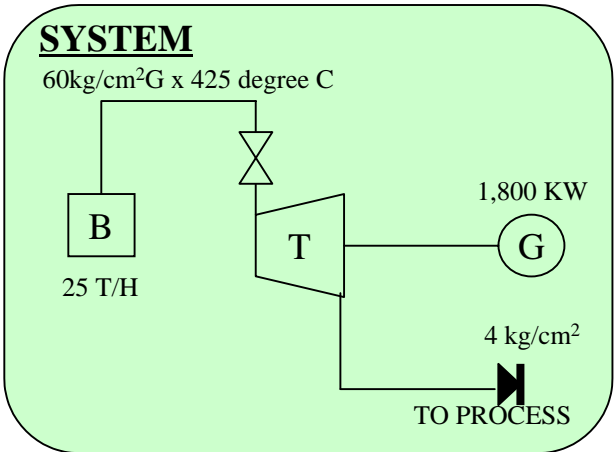


H-1600 60t/h x 60kg/cm²G x 450 degree C

OIL FIRING POWER PLANT (1,800KW)

INSTALLED FOR PAPER FACTORY

SYSTEM DIAGRAM



HDN-25S 25t/h x 60kg/cm²G x 425 degree C