PREHEAT BOILER FEEDWATER

STEAM BOILER EXHAUST
PREHEATING BOILER FEEDWATER

CLEAVER BROOKS ECONOMIZER

WIRING REQUIREMENTS

STACK TO ECONOMIZER TRANSITION

TREATED MAKEUP WATER

EXISTING CONDENSATE OR DEAERATOR TANK

ORIFICE, THROTTLING VALVE OR BYPASS RELIEF VALVE (FOR CONSTANT FLOW THROUGH THE ECONOMIZER DURING EXTENDED PERIODS OF TIME DURING FEEDWATER VALVE SHUT OFF)

MOTOR STARTER CONTROL CABINET

ECONOMIZER BRINE & NATURAL GAS CONDENSATE TO BRAIN

BOILER FEED PUMP

This flow diagram suggests a basic flow design available for consideration regarding the installation of a Cleaver Brooks exhaust stack economizer. As it may be modified depending on specific installation requirements or an alternate flow design which may be required. Cleaver Brooks is not responsible for any modifications, changes, or selections.

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