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### Energy Diagnostic of A Steam Distribution System in an Industrial Plant

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**Abstract :** In plant production systems, the use of steam is of vital importance in carrying out industrial processes. Steam distribution allows us to transfer energy or driving force for the operation of equipment such as steam turbines, furnaces and heat exchangers, which are important for regulating the operating conditions of the process. Therefore, it is convenient to analyze the ranges of work and the advantages of taking advantage of the available resources to reduce the costs presented in the different processes and equipment involved.

**Keywords :** Energy diagnostic, steam distribution system, agro-industrial sector.

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