

A COST EFFECTIVE DESIGN OF BALL VALVE WITHOUT AFFECTING THE PERFORMANCE THROUGH REDUCTION IN MATERIAL FROM THE STANDARD DESIGNS

A project report submitted in partial fulfillment of the requirement
for the award of the Degree of Bachelor of Engineering in
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Abstract

Ever increasing population and their changing needs which are getting multiplied, consume huge amount of natural resources. We, the part of future generation of planners require to curtail and use the natural resources sparingly especially in our field.

This can be achieved through overhauling entire product range in engineering through cost cutting, increasing efficiency, reduce wastage in every product we use directly or indirectly.

One such attempt has been made here to cut the cost of product (BALL VALVE) by reducing the metal requirement without sacrificing the working efficiency and safety factor.