

Design of Horizontal Pressure Vessel

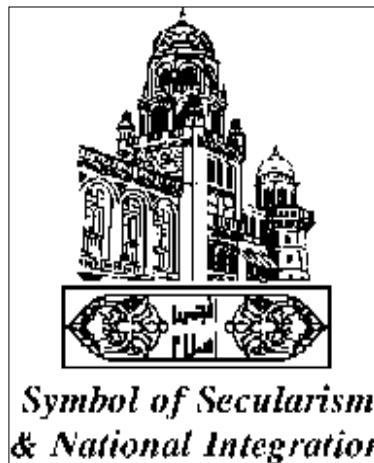
Submitted By

Ansari Faiz Zahir

Bape Adib Yakub

Bichu Azeeb Irshad

Chaudhary Adnan Ahmed



DEPARTMENT OF MECHANICAL ENGINEERING

ANJUMAN-I-ISLAM

KALSEKAR TECHNICAL CAMPUS NEW PANVEL,

NAVI MUMBAI – 410206

UNIVERSITY OF MUMBAI

ACADEMIC YEAR 2014-2015

Project Report
On
Design of Horizontal Pressure Vessel

Submitted by
Ansari Faiz Zahir
Bape Adib Yakub
Bichu Azeeb Irshad
Chaudhary Adnan Ahmed

In partial fulfilment for the award of the Degree

Of
BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING
UNDER THE GUIDANCE
Of

Prof. Momin Mohammad Nafe



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ANJUMAN-I-ISLAM
KALSEKAR TECHNICAL CAMPUS NEW PANVEL
(Approved by AICTE, recg. By Maharashtra Govt. DTE,
Affiliated to Mumbai University)

PLOT #2and3, SECTOR 16, NEAR THANA NAKA, KHANDAGAON, NEW PANVEL, NAVI MUMBAI-410206, Tel.: +91 22 27481247/48 * Website: www.aiktc.org

CERTIFICATE

This is to certify that the project entitled
“Design of Horizontal Pressure Vessel”

Submitted by

Ansari Faiz Zahir

Bape Adib Yakub

Bichu Azeeb Irshad

Chaudhary Adnan Ahmed

To the Kalsekar Technical Campus, New Panvel a record of bonafide work carried out by him under our supervision and guidance, for partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Mechanical Engineering as prescribed by **University Of Mumbai**, is approved.

Project co-guide

(Prof. Momin Mohammad Nafe)

Internal Examiner

(Prof. Atul Meshram)

External Examiner

Head of Department

(Prof. Zakir Ansari)

Principal

(Dr.A. R. Honnutagi)



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APPROVAL OF DISSERTATION

This is to certify that the thesis entitled
“Design of Horizontal Pressure Vessel”
Submitted by
Ansari Faiz Zahir
Bape Adib Yakub
Bichu Azeeb Irshad
Chaudhary Adnan Ahmed
In partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering
in Mechanical Engineering, as prescribed by University of Mumbai approved.

(Internal Examiner)

(External Examiner)

Date: _____

Declaration

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referred the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Name	Roll no	Signature
Ansari Faiz Zahir	11ME10	
Bape Adib Yakub	11ME14	
Bichu Azeeb Irshad	11ME16	
Chaudhary Adnan Ahmed	11ME17	

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Ansari Mohammad Faiz

Bape Adib Yakub

Bichu Azeeb Irshad

Chaudhary Adnan Ahmed

Abstract

Pressure vessels are one of the most important equipment in the engineering world. Vessels are used in everyday life and on a very large scale. From a simple gas cylinder to huge distillation towers the world is full of Pressure Vessels. We cannot imagine our world without these Pressure Vessels. These Vessels have got great importance and diverse use in the engineering world. We have made an attempt to study these amazing engineering marvels, design, analyze and in a certain way optimize them. Our project is the design of a Horizontal Pressure Vessel. Our motive behind the selection of this project is to enter into the huge world of Pressure Vessels and to explore the various facets of a Pressure Vessel.