

TITLE PAGE

**A TECHNICAL REPORT FOR THE PRODUCTION OF 10000
TONNES/YEAR OF STYRENE FROM THE CATALYTIC
DEHYDOGENATION OF ETHYLBENZEN**

PRESENTED BY

ALOZIE CHIKA FRANCES

CHE/2007/142

SUBMITTED TO

**CHEMICAL ENGINEERING DEPARTMENT, CARITAS UNIVERSITY
AMORJI-NIKE, EMENE ENUGU.**

**IN PARTIAL FULFILMENT OF REQUIREMENT FOR THE AWARD OF
BACHELOR OF ENGINEERING (B.ENG) IN CHEMICAL
ENGINEERING.**

AUGUST, 2012

CERTIFICATE OF APPROVAL

This design project “Chemical Engineering plant design for the production of 10,000 tonnes/year of styrene from the catalytic dehydrogenation of ethylbenzene” has been certified fit. Hence, approved having met the entire requirement necessary for the award of Bachelor of Engineering (B.Eng.) Degree on Chemical Engineering in Caritas University Amorji-Nike Enugu State.

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Engineer V.C. Otegbulu

Project Supervisor

Department of Chemical Engineering

Caritas University

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Engineer Dr. J.I. Ume

Head of Department

Chemical Engineering

Caritas University

DEDICATION

I what to dedicate this work to the Almighty God, my loving parents and siblings and Ejike Francis C for giving me the grace, courage, mercy, favour and strength to successfully complete this chemical Engineering plan Design Project.