

DECLARATION

I, Baishali Dey, bearing Ph.D. Registration No. Ph.D/1325/2010, dated 17.09.2010, hereby declare that the thesis entitled “**CORPORATE ENVIRONMENTAL ACCOUNTING AND REPORTING PRACTICES: A STUDY ON SELECTED INDUSTRIES OF ASSAM**” was done entirely by me under the supervision of Prof. Nikhil Bhusan Dey. The thesis is an original piece of work and has not been submitted, either wholly or partly, or for any degree or diploma anywhere before. All sources of scholarly information used in this thesis were duly acknowledged.

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ACKNOWLEDGEMENT

At the outset, I would like to begin with my wish list of the token of thanks to those who have supported me in tandem throughout my research work. In addition to this, I am deeply indebted to the contributions of several people who have contributed immensely to the completion of this study.

To begin with, I would like to reach out to the almighty who has bestowed upon me for the completion of my task. Alongside, sincere appreciation goes to my supervisor Prof. Nikhil Bhusan Dey for his valuable time and painstaking efforts without whom it would have been vastly impossible. He not only nurtured me, but taken the research to a different level. Furthermore, his intellectual acumen and encouragement particularly in our various meetings and interactions made tremendous impact on me and the study. His immense contributions have ensured the quality of this work to meet the required standard.

I am grateful to the authorities of Assam University, Silchar for providing me UGC Non-net fellowship during the study period for conducting the research work without any financial hindrances. I am also grateful to the Library Staffs of Assam University, Silchar; Tripura University, Agartala; Calcutta University, Kolkata; Delhi University, New Delhi, and Himachal Pradesh State University, Shimla for using their rich library. I am sincerely indebted to the authors of various research publications whose studies have been consulted and used by me.

My sincere appreciation goes to the Head, Dr. Panay Jyoti Goswami for rendering valuable suggestions, sincere help and generosity. I am also thankful to other faculties and non-teaching staffs of the Department for their kind support whenever required.

I am thankful to Mr. Bhupesh Sharma and Rabindra Das who helped me during field survey. My profound gratitude goes to the corporate professionals who provided valuable information in answering my queries to the schedules. In this regard, I sincerely thank Mr. Debashish Banerjee and Mr. Prasanta Ranjan Deb of Cachar Paper Mill- Hindustan Paper Corporation Ltd., Mr. Kuntal Gogoi of

Khoomber Tea Garden- Goodricke Group Ltd, Mr. Moley Ghosh of North Eastern Coal Fields- Coal India Ltd, Mr. S. Sarkar of Bhrmaputra Valley Fertilizer Corporation Ltd., Mr. D. Bhattacharya of Assam Petrochemicals Ltd., Dr. B.N Sahoo of Oil India Ltd., Mr. D Ghosh of Numaligarh Refinery Ltd., Mr. P.K Baruah, Mr. P.C Baruah and Mr. Debajit Mohan Sarma of Bongaigaon Refinery- Indian Oil Corporation Ltd., Mr. V.C.Patel of Oil Natural Gas Corporation Ltd. (Cachar Forward Base), Mr. G.Ankiah of LPG Plant, Lakwa -GAIL, Mr. S.K Singh of Bokajan Cement Factory- Cement Corporation of India Ltd., Mr. Padam Kumar Bathwal of Kitply Industries Ltd., and Ms. Mampi Nag of Barak Valley Cements Ltd. I am also grateful to them whose inputs and contributions have made this research work possible.

My heartfelt gratitude goes to Ms. Nitashree Barman, Mr. Pinkumoni Kashyap, Dr. Mintu Gogoi, Ms. Mili Kar and Mr. Mihir Bardhan. Their spared time and efforts has helped me in making reasonable influence on this study. I am sincerely grateful to many others that are not mentioned here.

My warm regards goes to Prof. Mithra Dey for her encouraging words of wisdom throughout my research study.

My special thanks to Mr. Debangshu Chakraborty for his kind effort in editing and printing the thesis with outmost care.

I am indebted to my parents who have constantly been a source of inspiration to me. I appreciate my brother who had helped me throughout the study period with his sharp intellect. I also appreciate my mother in law who has provided her moral support throughout my study.

For once and for all, I appreciate my husband Dr. Sourabh Deb who has served as a guiding force and provided me with a helping hand which eventually made a serious impact and influence on this work and my career.

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PREFACE

In the recent past, the world had witnessed a growing concern due to the adverse impact of various industrial activities on the environment. This has not only affected the economic growth but also the development of country to a large extent. Protection of environment is the social responsibility and commitment of corporations towards the society. It is a known fact that industries are largely responsible for environmental degradation and pollution and therefore initiative should be undertaken to incorporate these environmental issues in the financial statements of a company. In this context, an emerging area of accounting has developed worldwide known as ‘Corporate Environmental Accounting and Reporting’. Environmental Accounting and Reporting at corporate level deals with various issues relating to environmental costs, benefits and liabilities for the benefit of internal and external stakeholders in financial or non-financial statements. Various laws and guidelines have been enacted to minimize the adverse impact of industrial operational activities. Many research studies have been undertaken on this issue and findings have shown that the environmental disclosure is not mandatory for the companies in India. The companies are disclosing environmental information in the Annual Reports but are voluntary in nature. Moreover, there is absence of accounting standards on this issue, which generally lack consistency in reporting.

The present research study has been undertaken to overview the various aspects of Environmental Accounting and Reporting practices by the selected industries of Assam. This research work has analysed the nature and extent of Environmental Accounting and Reporting of selected industries of Assam. The study has also thrown light on the pattern on Corporate Environmental Policy and Performance and suggested appropriate measures for improved environmental performance by the selected industries of Assam.

I hope that the findings of the research work will be beneficial for the students, researchers, other stakeholders and the society as a whole.

Baishali Dey

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LIST OF ABBREVIATIONS

ACBE	Advisory Committee on Business and Environment
ACCA	Association of Chartered Certified Accountants
AIDC	Assam Industrial Development Corporation
CDM	Clean Development Mechanism
CEP	Corporate Environmental Policy
CER	Corporate Environmental Report
CERES	Coalition for Environmentally Responsible Economics
CPCB	Central Pollution Control Board
CPSE	Central Public Sector Enterprise
CSEAR	Centre for Social and Environmental Accounting Research
CSR	Corporate social responsibility
CTC	Crush, Tear and Curl
DNV	Det Norske Vertias
EA	Environmental Auditing
EAR	Environmental Accounting and Reporting
EDISC	Environmental Disclosure Score
EFA	Environmental Financial Accounting
EHS	Environment, Health and Safety
EI	Environmental Information
EIA	Environmental Impact Assessment
EMA	Environmental Management Accounting
EMAS	European Eco-Management and Audit Scheme
EMP	Environmental Management Plan
EMS	Environmental Management System
EP	Environmental Policy
ESG	Environmental, Social and Governance
FCA	Full Cost Accounting
FEE	Federation des Experts Comptables Europeens (Eurpoeans Federation of Accountants)

GHG	Green House Gas
GLCs	Government Linked Companies
GNP	Gross National Product
GRIHA	Green Rating for Integrated Habitat Assessment
HSE	Health, Safety and Environment
ICAI	Institute of Chartered Accountants of India
ICSI	Institute of Company Secretaries of India
ICWAI	Institute of Cost and Works Accountant of India
IPPC	Integrated Pollution Prevention and Control
ISO	International Organisation for Standardization
ISRS	International Safety Rating System
LPG	Liquefied Petroleum Gas
MMSCMD	Million Metric Standard Cubic Meter per Day
MMPA	Million Metric Tonnes per annum
MoP & NG	Ministry of Petroleum & Natural Gas
NABL	National Accreditation Board for Testing and Calibration Laboratories
NNP	Net National Product
NPI	National Pollutant Inventory
NRA	Natural Resource Accounting
OHSAS	Occupational Health and Safety Advisory Services
OSHMS	Occupational Health and Safety Management System
PMGSY	Prime Minister Gramin Sadak Yojana
QHSE	Quality, Health, Safety and Environment
RS	Reporting Score
SBs	Statutory Boards
SEA	Sustainability Accounting and Reporting
SPCB	State Pollution Control Board
SPSS	Statistical Package for Social Science
TERI	The Energy and Resources Institute

TISCO	Tata Iron And Steel Company Ltd.
TPD	Temperature Programmed Deporruiion
TPM	Total Productive Maintenance
TRI	Toxic Release Inventory
UBFDB	Uttranchal Bamboo and Fibre Development Board
UK	United Kingdom
UN	United Nations
UNCED	United Nations Conference on Earth and Development
UNEP	United Nations Environmental Programme
UNFCCC	United Nations Framework Convention on Climate Change
US	United States
USEPA	United States Environmental Protection Agency
WCED	World Commission on Environment and Development
WMP	Waste Management Plan