



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



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التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



MONA MAGHRABY



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التوثيق الإلكتروني والميكروفيلم

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MONA MAGHRABY



Cairo University

TAILORING RISK ASSESSMENT CHECKLISTS TO PETROCHEMICAL PLANTS NASYDCO CASE STUDY

By

Noha Omar Hagag El-Shall

A Thesis Submitted to the
Faculty of Engineering at Cairo University in
Partial Fulfillment of the
Requirements for the Degree of
MASTER OF SCIENCE
in
Interdisciplinary M.Sc.-Risk Engineering

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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Professor, Chemical Engineering Department
Faculty of Engineering, Cairo University

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Approved by the
Examining Committee

Prof. Dr. Sahar Mohamed El-Marsafy **(Thesis Main Advisor)**
Professor, Chemical Engineering Department, Faculty of Engineering, Cairo University

Prof. Dr. Fouad Khalaf Mohamed **(Internal Examiner)**
Professor, Petroleum Engineering Department, Faculty of Engineering, Cairo University

Dr. Tamer Mohamed Heakal **(External Examiner)**
Planning and Projects follow-up, General Manager, Egyptian Holding Petrochemicals
Company (ECHEM)

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
GIZA, EGYPT
2020

Engineer's Name: Noha Omar Hagag El-Shall
Date of Birth: 25/02/1990
Nationality: Egyptian
E-mail: nohaelshall2012@gmail.com
Phone: 01008857537
Address: 94, Sheraton – Heliopolis
Cairo, Egypt.
Registration Date: 1/10/2014
Awarding Date: / /2020
Degree: Master of Science
Department: Interdisciplinary M.Sc.-Risk Engineering



Supervisors:

Prof. Dr. Sahar Mohamed El-Marsafy
Professor, Chemical Engineering Department, Faculty of Engineering, Cairo University

Examiners:

Prof. Dr. Sahar Mohamed El-Marsafy (Thesis Main Advisor)
Professor, Chemical Engineering Department, Faculty of Engineering, Cairo University

Prof. Dr. Fouad Khalaf Mohamed (Internal Examiner)
Professor, Petroleum Engineering Department, Faculty of Engineering, Cairo University

Dr. Tamer Mohamed Heikal (External Examiner)
Planning and Projects follow-up, General Manager, Egyptian Holding Petrochemicals Company (ECHM)

Title of Thesis:

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NASYDCO CASE STUDY

Key Words:

Risk Assessment, Risk Management, Risk Evaluation Checklists and Gap Analysis.

Summary:

Risk assessment is discussed with tools and methods to evaluate risks in petrochemical plants. This thesis aims to “Tailoring risk assessment checklists to petrochemical plants” to find an effective way for implementation of risk assessment, survey method is used to identify, find and evaluate the hazards found in the plant by using gap analysis technique and control the risks by initiating a corrective plan.

Disclaimer

I hereby declare that this thesis is my own original work and that no part of it has been submitted for a degree qualification at any other university or institute.

I further declare that I have appropriately acknowledged all sources used and have cited them in the references section.

Name: Noha Omar Haggag El-shall

Date: ../../...

Signature: Noha Elshall

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