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Title of thesis

FAILURE PROBABILITY MODELING FOR PIPING SYSTEMS
SUBJECT TO CORROSION UNDER INSULATION

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## FAILURE PROBABILITY MODELING FOR PIPING SYSTEMS SUBJECT TO CORROSION UNDER INSULATION

by

### AINUL AKMAR BINTI MOKHTAR

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## FAILURE PROBABILITY MODELING FOR PIPING SYSTEMS SUBJECT TO CORROSION UNDER INSULATION

by

### AINUL AKMAR BINTI MOKHTAR

### A Thesis

Submitted to the Postgraduate Studies Programme as a Requirement for the Degree of

DOCTOR OF PHILOSOPHY

MECHANICAL ENGINEERING DEPARTMENT

UNIVERSITI TEKNOLOGI PETRONAS

BANDAR SERI ISKANDAR,

PERAK

**JUNE 2011** 

### **DECLARATION OF THESIS**

Title of thesis

# FAILURE PROBABILITY MODELING FOR PIPING SYSTEMS SUBJECT TO CORROSION UNDER INSULATION

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