

## Abbreviations

Certain phrases have been abbreviated in this thesis to simplify matters. The definitions of these abbreviated phrases are given below.

3-D	Three Dimensional
AH001	Amerada Hess 001 Installation
AHL	Amerada Hess Limited
ALARP	As Low As Reasonably Practicable
BEUA	Best Estimate and Uncertainty Analysis
BoQ	Bill of Quantities
BS	British Standards
c.o.v.	Coefficient of Variation
CBA	Cost Benefit Analysis
CEPP	Cumulative Event Probability Profile
CIMAH	Control of Industrial Major Accident Hazards Regulations 1984
COSHH	Control of Substances Hazardous to Health
CPA	Critical Path Analysis
DBFS	Design Basis Fault Schedule
DCR	Design and Construction Regulations
EER	Evacuation, Escape and Rescue
EERA	Evacuation, Escape and Rescue Analysis
EMV	Expected Monetary Value
ENPV	Expected Net Present Value
EP	Explosive Potential
EPP	Event Probability Profile
ESA	Emergency System Assessment
ESD	Emergency Shutdown
EV	Expected Value
fpa	Frequency per annum

FRA	Fire Risk Analysis
GNP	Gross National Product
HAZID	Hazard Identification
HAZOP	Hazard and Operability Study
HSC/E	Health and Safety Executive
HSE	Health and Safety Executive
ICAF	Implied Cost of Averting a Fatality
IEC	International Electrotechnical Commission
IFPS	Interactive Financial Planning System
IR	Individual Risk
IRR	Internal Rate of Return
LEL	Lower Explosive Limit
MAR	Management and Administration Regulations
MHR	Major Hazards Review
NEDO	National Economic Development Office
NPV	Net Present Value
OREDA	Offshore Reliability Data
P&ID	Process and Instrument Diagram
pa	Per annum
PERT	Programme Evaluation and Review Technique
PFEER	Prevention of Fire and Explosions, and Escape Regulations
PLL	Probable Loss of Life
POB	Personnel Onboard
PR	Public Relations
QRA	Quantitative Risk Analysis
RADR	Risk Adjusted Discount Rate
RMQ	Risk Management Questionnaire
RMRI	Risk Management Research Institute
S&GI	Smoke and Gas Ingress Study
s.d.	Standard Deviation
SC	Safety Case

SCR	Safety Case Regulations
SMS	Safety Management System
SP	Single Point
SPV	Single Point Value
SPVT	Single Point Value Technique
TR	Temporary Refuge
TRI	Temporary Refuge Impairment
UK	United Kingdom
UKCS	United Kingdom Continental Shelf
US	United States