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## 1. External Document References

Throughout ASEMS there are many references to important sources of information and additional guidance.

To remain consistent and current this document holds linkages to the source material. Within the main ASEMS documents linkages are made only to internal documents (such as SMP's or S&EP Leaflets) whilst all external references have been embedded in this single document. If you see any broken or out of date links please provide comments below.

<a href="#">Defence Safety Authority (DSA) - Policy and Assurance</a> [1]	<p>For access to:</p> <p>Secretary of State Health, Safety and Environmental Protection Policy Statement</p> <p>DSA01.1 - Defence Policy for Health, Safety and Environmental Protection</p> <p>DSA01.2 - Implementation of Defence Policy for Health, Safety and Environmental Protection</p> <p>JSP375 - Management of Health and Safety in Defence</p> <p>JSP418 - Management of Environmental Protection in Defence</p>
<a href="#">Defence OME Safety Regulator (DOSR)</a> [2]	<p>For access to:</p> <p>JSP390 - Military laser safety</p> <p>JSP403 - Handbook of Defence ranges safety</p> <p>JSP482 - MOD explosives regulations</p> <p>JSP498 - Major Accident Control Regulations</p> <p>JSP520 - Defence OME safety and environmental management policy</p>
<a href="#">Defence Maritime Regulator (DMR)</a> [3]	<p>For access to:</p> <p>DSA02-DMR introduction and goals</p> <p>DSA02-DMR regulations</p>
<a href="#">Defence Land Safety Regulator (DLSR)</a> [4]	<p>For access to:</p> <p>DSA02-DLSR-LSSR - Directive</p> <p>DSA03-DLSR-LSSR - Defence codes of practice</p> <p>DSA02-DLSR - Fuel and gas safety and environmental regulations</p> <p>DSA03-DLSR - Fuel and gas safety and environmental regulations - Defence codes of practice</p>
<a href="#">Defence Nuclear Safety Regulator (DNSR)</a> [5]	<p>For access to:</p> <p>JSP518 - Regulation of the Naval Nuclear Propulsion Programme</p> <p>JSP538 - Regulation of the Nuclear Weapons Programme</p>
<a href="#">Military Aviation Authority (MAA)</a> [6]	<p>For access to MAA Regulatory Publications (MRPs):</p> <p>MRPs - Overarching Documents</p> <p>MRPs - Regulatory Articles (RA)</p> <p>MRPs - MAA Manuals</p>
<a href="#">ISO 45001</a> [7]	Occupational health and safety
<a href="#">ISO 14000</a> [8]	Environmental management
<a href="#">ISO 14001</a> [8]	Environmental Management System
<a href="#">ISO 14004</a> [9]	Environmental responsibilities
<a href="#">ISO 14063</a> [10]	Environmental Management – Environmental Communication – Guidelines and Examples
<a href="#">ISO 9000</a> [11]	Quality management
<a href="#">HASAW etc. Act 1974</a> [12]	Health and Safety at Work etc. Act 1974
<a href="#">Managing Risks to the Public appraisal Guidance</a> [13]	Managing Risks to the Public - Appraisal Guidance. HM Treasury, 2005
<a href="#">R2P2</a> [14]	Reducing Risks, Protecting People (R2P2)

<a href="#">HSE CBA Checklist</a> [15]	HSE Cost Benefit Analysis Checklist
<a href="#">Guidelines for Environmental Risk Assessment and Management 'Green Leaves III' November 2011</a> [16]	Document provides generic guidelines for the assessment and management of environmental risks. The guidelines supersede earlier versions published in 1995 by the Department of the Environment, and in 2000 by the Department of the Environment, Transport and the Regions and the Environment Agency.
<a href="#">Principles &amp; Guidelines to Assist HSE in its Judgement that Duty Holders have Reduced Risk As Low As Reasonably Practicable.</a> HSE [17]	The principles and guidelines set out below are based on what the courts have decided is required of duty-holders.
<a href="#">Defence Sustainable Development Strategy</a> [18]	The strategy provides the direction to address risks to our business and capabilities during 2015 to 2025.
<a href="#">www.legislation.gov</a> [19]	The official home of revised enacted UK Legislation 1267 - Present
OCCAR [20]	OCCAR is an international organisation whose core-business is the through life management of cooperative defence equipment programmes
<a href="#">AOP-15 Edition 3</a> [21]	<a href="#">Guidance on the Assessment of the Safety and Suitability for Service of Non-Nuclear Munitions for NATO Armed Forces</a> [22]
<a href="#">Merchant Shipping Act</a> [23]	An Act to consolidate the Merchant Shipping Acts 1894 to 1994 and other enactments relating to merchant shipping
<a href="#">Civilian Aviation Act</a> [24]	An Act to make provision about the regulation of operators of dominant airports
<a href="#">Investment Appraisal Committee (IAC)</a> [25]	It enables decisions about the use of resources to be taken with better understanding of their implications.
<a href="#">Road Traffic Act 2006</a> [26]	An Act to make provision about road traffic, registration plates, vehicle and driver information, hackney carriages and private hire vehicles, and trunk road picnic areas
<a href="#">Sustainable Procurement Assessment Tool</a> [27]	Assessment is intended to ensure that environmental, social and economic (sustainability) issues are assessed, understood and managed
<a href="#">OTO 2001/063</a> [28]	HSE Website - Marine Risk Assessment, Offshore Technology Report 2001/063
<a href="#">Safety Report Assessment Guide: Explosives</a> [29]	Safety Report Assessment Guide: Explosives
THESIS [30]	THESIS (The Health, Environment, Safety Information System) BowTie Risk Management Software.
<a href="#">THESIS fact sheet</a> [31]	THESIS (The Health, Environment, Safety Information System) Fact sheet.
<a href="#">THESIS (The Health, Environment, Safety Information System)</a> [32]	THESIS is a relational database designed to be used by line management and the workforce to collect, analyse and store HSE data for a facility or operation.
<a href="#">Loughborough university</a> [33]	Application of the Cause-Consequence Diagram Method to Static Systems
<a href="#">IET - Health and Safety Briefing 26a</a> [34]	Quantified risk assessment techniques - Part 1 (failure modes and effects analysis - FMEA)
<a href="#">IET - Health and Safety Briefing 26b</a> [35]	Quantified risk assessment techniques - part 2 (event tree analysis - ETA)
<a href="#">IET - Health and Safety Briefing 26c</a> [36]	Quantified risk assessment techniques - part 3 (fault tree analysis - FTA)
<a href="#">NUREG/CR-2300</a> [37]	"PRA Procedures Guide," U.S. Nuclear Regulatory Commission, (Vols. 1 and 2) January 1983.
<a href="#">NUREG-0492</a> [38]	US Nuclear Regulatory Commission Fault Tree Handbook.
<a href="#">CRR software tools</a> [39]	Maryland Clark School of Engineering, Center for Risk and Reliability (CRR)
<a href="#">BS 5760: Part 5</a> [40]	Reliability of Systems, Equipment and Components: Part 5 Guide to Failure Modes, Effects and Criticality Analysis

<a href="#">Sustainable and Environmental Appraisal Tools (SEAT) Handbook</a> [41]	The MOD Sustainability and Environmental Appraisal Tools (SEAT) Handbook is the single point of reference for the suite of appraisal tool methodologies
<a href="#">US Coast Guard website</a> [42]	The US Coast Guard's guidance on risk assessment
<a href="#">HSE Website - Marine Risk Assessment. Offshore Technology Report 2001/063</a> [43]	Risk assessment provides a structured basis for offshore operators to identify hazards and to ensure risks have been reduced to appropriate levels in a cost-effective manner
<a href="#">Wikipedia article on Risk Matrix</a> [44]	A Wikipedia article explaining the role of the risk matrix in risk assessment
<a href="#">Risk Management - Risk Assessment Techniques</a> [45]	ISO 31010 Ed 1.0 – guidelines and principles of risk management.
<a href="#">Application of QRA in Operational Safety Issues</a> [46]	A study on research into the use of risk assessment in HSE's operational decisions in the context of the COMAH regulation 4 (HSE 2002)
<a href="#">Marine Risk Assessment</a> [43]	The regulations applying to offshore operations in the UK require operators to undertake risk assessment in order to identify appropriate measures to protect people against accidents, so far as is reasonably practicable (HSE 2001)
<a href="#">Petroleum and Natural Gas Industries – Offshore Production Installations – Guidelines on risk assessment (ISO17776:2000)</a> [47]	Guidelines on tools and techniques for hazard identification and risk assessment.
<a href="#">US Military: Standard Practice for System Safety</a> [48]	This system safety standard practice identifies the DoD approach for identifying hazards and assessing and mitigating associated risks encountered in the development, test, production, use, and disposal of defence systems
<a href="#">GEIA-STD-0010: Standard Best Practices for System Safety Program Development and Execution</a> [48]	Outlines a standard practice for conducting system safety.
<a href="#">Hazard and operability studies (HAZOP studies) - Application guide (IEC 61882 (2001-05))</a> [49]	Guidance on the application of the technique and the HAZOP study procedure, including definition, preparation, examination sessions and resulting documentation.
<a href="#">Eurocontrol (European Organisation for the Safety of Air Navigation) HIFA (Human Factors Integration in Future ATM systems) website</a> [50]	Criteria to help designers and project managers considering human factors and measuring HF indicators throughout the various phases of life cycle of an air traffic management system
<a href="#">Hazop + Isotope</a> [51]	Hazop+ software can be used to vastly simplify the customizing, recording, managing and reporting processes of the Hazop study
<a href="#">Guidance on the assessment of the safety and suitability for service of munitions for NATO Armed Forces</a> [21]	Provide a uniform guide for the assessment of the safety and suitability of a non-nuclear munition for use by NATO armed forces.
<a href="#">Nuclear Reactor Engineering</a> [52]	Department of Energy (US) guide on nuclear reactor engineering.
<a href="#">“A six-step Method for the Development of Goal Structures.”</a> [53]	A systematic approach to managing safety cases.
<a href="#">The future of goal-based assurance cases</a> [54]	Adelard's approach to safety cases in particular, and assurance cases more generally, and discusses some possible future directions to improve frameworks for goal-based assurance cases.
<a href="#">The HEAT/ACT Preliminary Safety Case: A case study in the use of Goal</a>	The paper outlines the work conducted, and appraises these perceived merits against experience during and following the construction of the

<a href="#">Structuring Notation</a> [55]	Preliminary Safety Case.
<a href="#">Building a Preliminary Safety Case: An Example from Aerospace</a> [56]	The paper describes the production of these 'Preliminary Safety Arguments'. In particular, we show how we have used the Goal Structuring Notation as the basis for presenting the Preliminary Safety Argument for a distributed computing platform for aero-engine control.
<a href="#">Adelard ASCE Tool</a> [57]	Adelard ASCE is a commercial tool for the development and management of assurance cases and safety cases.
<a href="#">SAE-ARP-4761</a> [58]	Excellence in the Procedure for Safety Assessment
<a href="#">IEC 61508</a> [59]	Industrial-process measurement, control and automation - Systems aspects
<a href="#">Freedom of Information Act</a> [60]	An Act of Parliament of the Parliament of the United Kingdom that creates a public "right of access" to information held by public authorities.
<a href="#">Freedom of Information Act</a> [61]	Ministry of Defence's response to the Freedom of Information Act.
<a href="#">Defence Academy</a> [62]	The Ministry of Defence's training provider
<a href="#">IET - Health and Safety Briefing 26a - Quantified Risk Assessment techniques</a> [63]	Quantified risk assessment techniques/
<a href="#">US Nuclear Regulatory Commission Fault Tree Handbook</a> [38]	Guide on fault tree analysis and evaluation.
<a href="#">Maryland Clark School of Engineering</a> [64]	The University of Maryland's A. James Clark School of Engineering is a premier program, ranked among the top 20 in the world.
<a href="#">Reflex Fault Tree</a> [65]	Reflex fault tree software site, tool available
<a href="#">Fault Tree + for Windows - Item</a> [66]	Fault tree plus software tool available for download
<a href="#">Guidelines for Hazard Evaluation Procedures, third Edition with Worked Examples</a> [67]	Guide to Hazard evaluation procedures with a number of worked examples.
<a href="#">NUREG/CR-2300, "PRA Procedures Guide," U.S. Nuclear Regulatory Commission</a> [37]	Performance of Probabilistic Risk Assessment for Nuclear Power Plants
<a href="#">Application of the Cause-Consequence Diagram Method to Static Systems</a> [68]	Cause-Consequence Analysis, Fault Tree Analysis, Binary Decision Diagram, Dependencies.
<a href="#">HID Safety Report Assessment Guide: Explosives</a> [29]	This document describes how the Competent Authority's Assessors evaluate safety reports for compliance with the predictive criteria of COMAH
<a href="#">HSE: Hazardous Installations Directorate</a> [69]	HID regulatory Model explains how HID prioritises its major hazard inspection programmes.
<b>Restrictions apply when accessing the following references.</b>	
<a href="#">System Safety Management (SYSSAF 1)</a> [70]	Compliance with MOD policy and instructions, legislation, and procedures that apply to the management of system safety <b>Only accessible by MOD employees</b>
<a href="#">Def Stan 00-970 Design &amp; Airworthiness Requirements for Service Aircraft etc</a> [71]	This Part of the Defence Standard provides requirements and guidance for the design of aircraft to meet the airworthiness requirements for UK military operation. <b>Defence Gateway account required</b>
<a href="#">Def Stan 00-040 pt 1</a> [72]	Reliability and Maintainability (R&M) Part No: 1: Management Responsibilities and Requirements for Programmes and Plans
<a href="#">Def Stan 00-044</a> [72]	Reliability and Maintainability Data Collection and Classification
	This Defence Standard (Def Stan) provides requirements and guidance for the achievement,

<a href="#">Def Stan 00-055</a> [73]	assurance and management of safety of Programmable Elements (PE) within Products, Services and Systems (PSS)
<a href="#">Def Stan 00-058</a> [74]	HAZOP studies on systems containing programmable electronics
<a href="#">Def Stan 00-44</a> [71]	Reliability and Maintainability Data Collection and Classification. <b>Defence Gateway account required</b>
<a href="#">Def Stan 00-40 Part 1</a> [75]	Reliability and Maintainability. <b>Defence Gateway account required</b>
<a href="#">Def Stan 00-056</a> [76]	Safety Management Requirements for Defence Systems. <b>Defence Gateway account required</b>

**Source URL:** <https://www.asems.mod.uk/ExtReferences>

#### Links

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- [2] <https://www.gov.uk/government/groups/the-defence-ordnance-munitions-and-explosives-ome-safety-regulator-dosr>
- [3] <https://www.gov.uk/government/groups/defence-maritime-regulator-dmr>
- [4] <https://www.gov.uk/government/groups/defence-land-safety-regulator-dlsr>
- [5] <https://www.gov.uk/government/groups/defence-nuclear-safety-regulator-dnsr>
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