

Title	Fire and Explosion Strategy - Issue 1	
Publisher/Author	HSE	
Publication Date		
Executive Summary	<p>The topics covered in this document are:</p> <ul style="list-style-type: none"> <li>• source terms;</li> <li>• ignition;</li> <li>• fire and gas detection;</li> <li>• dispersion and ventilation;</li> <li>• fire and explosion hazard assessment;</li> <li>• fire and explosion consequence assessment; and</li> <li>• prevention, control and mitigation of fires and explosion.</li> </ul> <p>The prioritisation of specific strategy topics is subject to continuous change and is not addressed in this document. Not all identified strategy issues will be carried forward at this time.</p> <p>This document presents the strategy development carried out by HSE's Offshore Division (OSD) to address fire and explosion issues on offshore installations. It provides an overview of the current state of knowledge with regard to fire and explosion hazards, their prevention, control and mitigation. It identifies current areas of uncertainty and describes the strategy areas where areas of significant uncertainty require clarification.</p>	
Table of Contents	SUMMARY ..... INTRODUCTION ..... SOURCE TERMS ..... IGNITION ..... FIRE AND GAS DETECTION ..... DISPERSION AND VENTILATION ..... POOL FIRES..... JET FIRES..... FLASH FIRES AND FIREBALLS ..... EXPLOSION HAZARD ASSESSMENT..... FIRE EFFECTS..... EXPLOSION CONSEQUENCE ASSESSMENT ..... PREVENTION AND CONTROL OF FIRES ..... PREVENTION, CONTROL AND MITIGATION OF EXPLOSIONS ..... REFERENCES .....	i 1 3 9 12 17 22 26 31 35 41 44 47 51 56