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| Title | A survey of current predictive methods for explosion hazard assessments in the uk offshore industry. | |
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| Executive Summary | <p>This report provides an update of the previous OTH report prepared for the Department of Energy (Ref 1). The previous report provided a state of the art review on the modelling approaches and models that could be used for the prediction of overpressures generated in gas explosions in offshore modules. The review was extensive and it also included models that were at the early stages of development and some general models with potential for being adapted for offshore explosion assessment. This report, in contrast, concentrates only on those models that are known to be currently available for use in offshore explosion hazard assessments. This report therefore summarises some of the material presented in Ref 1 and provides additional information on certain modelling methods.</p> <p>Information on modelling methods has been obtained by use of published information and by analyzing responses to a detailed explosion modelling questionnaire that was sent to companies involved in explosion modelling work in the offshore industry.</p> | |
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