An assessment of electrostatic ignition risks and filling rules for loading road tankers with low sulphur diesel

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FOREWORD

The Institute of Petroleum commissioned this report to address concern over the occurrence of a number of electrostatic ignition incidents associated with the loading of low sulphur diesel, a topic not addressed originally in the IP Model Code of Safe Practice Part 21: *Guidelines for the Control of Hazards arising from Static Electricity*, published in 1998.

The aim of this publication is to provide a record of the research carried out, data set, methods and assumptions to aid reference and provide a starting point for any work that may be undertaken in the future.

The results will be published in a second edition of Part 21 of the IP Model Code of Safe Practice. At the time of writing, a Europia document exists in draft which incorporates the tables produced in this report.

Although it is believed that the adoption of the recommendations of this report will assist the user, the Institute of Petroleum cannot accept any responsibility, of whatsoever kind, for damage or loss, or alleged damage or loss, arising or otherwise occurring as a result of the application of this report.

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