

# **Ignition Risk of Hydrocarbon Liquids and Vapors by Hot Surfaces in the Open Air**

API RECOMMENDED PRACTICE 2216  
THIRD EDITION, DECEMBER 2003

REAFFIRMED, OCTOBER 2010



AMERICAN PETROLEUM INSTITUTE



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**Downstream Segment**

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## FOREWORD

Recommended Practice 2216 *Ignition Risk of Hydrocarbon Liquids and Vapors by Hot Surfaces in the Open Air* was prepared under the auspices of the API Safety and Fire Protection Subcommittee. It is intended to provide information concerning the technical basis for auto-ignition of hydrocarbon vapors by hot surfaces in the open air. This information may be used to determine whether or not hot surfaces are potential sources of ignition should a release of hydrocarbon vapors or liquids occur and to develop safe practices for controlling or preventing such ignition. Other documents referenced in this publication provide supplemental information applicable to this subject.

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