

2024 AFPM National Occupational & Process Safety Conference

San Antonio, Texas, USA
14-16 May 2024

ISBN: 979-8-3313-0943-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2024) by American Fuel & Petrochemical Manufacturers (AFPM)
All rights reserved.

Printed with permission by Curran Associates, Inc. (2024)

For permission requests, please contact American Fuel & Petrochemical Manufacturers (AFPM)
at the address below.

American Fuel & Petrochemical Manufacturers (AFPM)
1667 K Street, NW, Suite 700
Washington DC 20006
USA

Phone: (202) 457-0480
Fax: (202) 457-1486

info@afpm.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

ARTIFICIAL INTELLIGENCE: A DIGITAL TOOL FOR ENHANCING WORKPLACE SAFETY	1
<i>J. Lefler, E. Biggs, T. Huerta, D. Amato</i>	
EMERGING LEADERS: A DISCUSSION ON ENGAGEMENT, EMPOWERMENT, AND OWNERSHIP.....	10
<i>A. Hackler, M. Roache, T. Nipp</i>	
IDENTIFYING AND MANAGING PROCESS SAFETY RISKS.....	15
<i>D. Ramoutar</i>	
AFPM INCIDENT CLASSIFICATION MATRIX - LEARNINGS AND TRENDS.....	37
<i>F. Kin</i>	
NTSB EAST PALESTINE DERAILMENT - OFF-SITE INCIDENT RESPONSE - KEY LESSONS.....	45
<i>M. Farley, D. Downs, J. Haffner</i>	
HF ALKY ULTRASONIC SENSORS.....	52
<i>N/A</i>	
THE TRANSITION TO FLUORINE FREE FIREFIGHTING FOAM RESEARCH, TACTICS DEVELOPED AND THE CHALLENGES AHEAD.....	57
<i>N. Ramsden</i>	
LOCK, TAG, TRY	84
<i>N/A</i>	
OSHA ENFORCEMENT AND REGULATORY UPDATE: "USING ALL THE TOOLS IN THE TOOLBOX"	91
<i>E. Conn</i>	
API PRODUCT STORAGE & TRANSFER ASSESSMENT	107
<i>L. Webb, S. Hall, B. Blundell</i>	
AFPM INNOVATION AWARD – SUPER SACK NET	120
<i>W. Henderson</i>	
CHANGES TO EPA’S RISK MANAGEMENT PROGRAM	130
<i>J. Savage</i>	

Author Index