



Office of Recommendations

- Highlighted Recommendations
 - **Gas Well Blowout and Fire at Pryor Trust Well 1H-9**
 - R2 to API
 - **Chemical Reaction, Hydrogen Release, Explosion, and Fire at AB Specialty Silicones**
 - R1, R2, and R3 to AB Specialty Silicones



Gas Well Blowout and Fire at Pryor Trust Well 1H-9

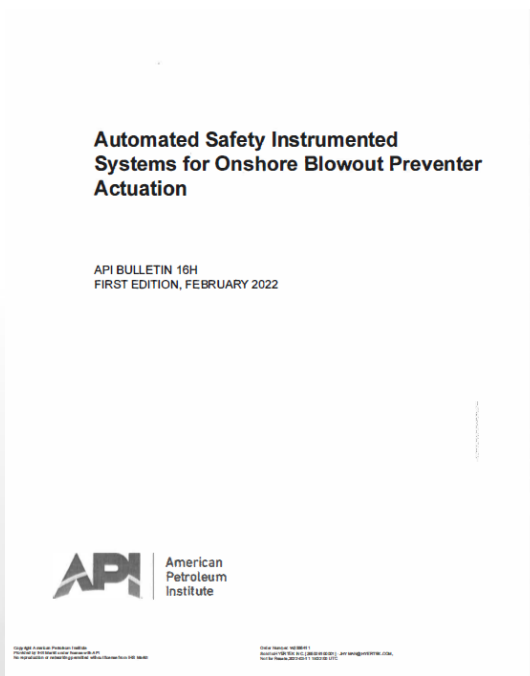


CSB Rec No. 2018-01-I-OK-R2 (R2) to API:
Convene a group of experts to discuss automatic safety instrumented systems that could bring a well to a safe state when operational barriers fail. Publish a technical bulletin with strategies to implementing Blowout Preventer (BOP) safety instrumented systems.



Gas Well Blowout and Fire at Pryor Trust Well 1H-9

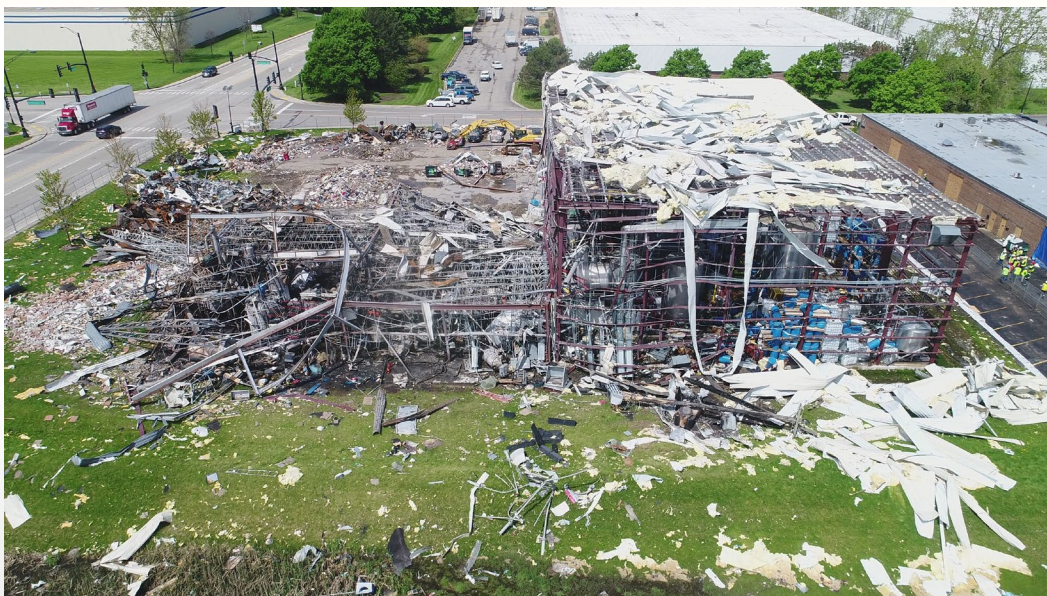
API implementation of R2:



- Convened experts
- Issued first edition of API Bulletin 16H in February 2022
 - Review of existing equipment and interfaces with the BOP
 - Overview of components for future research

Closed – Acceptable Action

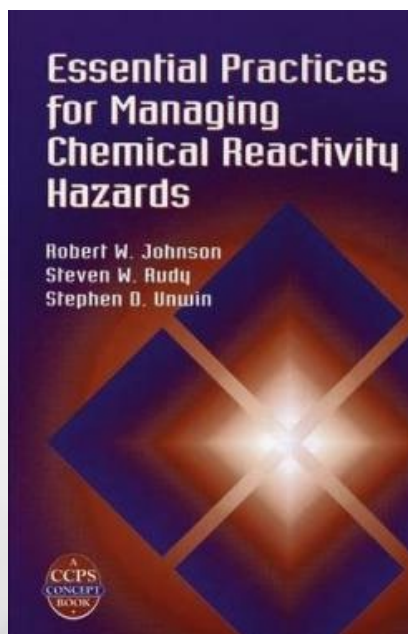
Chemical Reaction, Hydrogen Release, Explosion, and Fire at AB Specialty Silicones



CSB Rec No. 2019-03-I-IL-R1 to R3 to AB Specialty Silicones:
R1 - Develop gas detection and alarm programs and procedures
R2 - Establish a safety management system that addresses process safety
R3 - Incorporate CCPS' "Essential Practices for Managing Chemical Reactivity Hazards" into operations and activities

Chemical Reaction, Hydrogen Release, Explosion, and Fire at AB Specialty Silicones

AB Specialty Silicones implementation of R1, R2, & R3:



- Developed gas detection/alarm program and procedures
- Established an SMS using CCPS' *Guidelines for Risk Based Process Safety and Guidelines for Implementing Process Safety Management*
- Incorporated CCPS' *Essential Practices for Managing Chemical Reactivity Hazards* into operations and activities

Closed – Acceptable Action (R1, R2, and R3)