



H₂ Safety Snapshot is a quarterly bulletin that highlights safety as an important element when working with hydrogen and hydrogen systems. This inaugural issue discusses several safety tools related to the safe use and handling of hydrogen. We envision that H₂ Safety Snapshot will promote our continued success in the safe operation of DOE hydrogen projects.

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Link Up with Hydrogen

Sharing Best Practices

www.h2bestpractices.org

Reporting Lessons Learned

www.h2incidents.org

Hydrogen Safety Bibliographic Database

www.hydrogen.energy.gov/biblio_database.html

DOE Program

www.hydrogen.energy.gov

CAPTURING a Wealth of Knowledge

Sharing Best Practices – an online manual and website that share the extensive experience of the safe handling and use of hydrogen in a wide variety of applications. Best practices have been compiled from a variety of resources, many of which are in the public domain and can be downloaded directly from the “References” section, which contains a bibliography, glossary, and acronyms. Best practices are organized in hierarchical categories, including multiple topics under Safety Practices, Design, and Operations. New content has been recently added to cover key topics with regard to laboratory safety. A search capability is provided along with links to related websites of interest.

Visit www.h2bestpractices.org or contact us at h2bestpractices@pnl.gov.

LEARNING Lessons from Experience

Reporting Lessons Learned – a database-driven website intended to facilitate sharing lessons learned and other relevant information gained from actual experiences using and working with hydrogen. The database serves as a voluntary reporting tool for capturing records of events involving hydrogen or hydrogen-related technologies. The focus is on the characterization of hydrogen-related incidents and near-misses as well as ensuing lessons learned. All identifying information (names of organizations, workers, and locations) is removed for confidentiality and to encourage unconstrained reporting of events. Selected safety event records are linked to content in the companion Best Practices manual/website to illustrate the importance of safe practices. A search capability is provided along with an easy-to-use online submission form to enable sharing experiences with others.

Visit www.h2incidents.org or contact us at h2incidents@pnl.gov.

SEARCHING the Literature

The Hydrogen Safety Bibliographic Database – references to reports, articles, books, and other resources on hydrogen safety as it relates to hydrogen production, storage, distribution, and use. In addition to bibliographic references, the database provides select full-text documents or links to other websites that offer these documents.

Visit www.hydrogen.energy.gov/biblio_database.html or contact us at hydrogen_biblio_database@nrel.gov.

