

Welcome to the January 2023 issue of the H2scan Digest.

In this issue we present:

- H2scan's GRIDSCAN 5000 is the First and Only Hydrogen Sensor Certified by FM Approvals
- The Top 5 H2scan Stories of 2022
- New Feature: "Ask the H2scan Experts"
- H2scan Kicks Off New Blog
- Getting the Most out of Key Gas Monitoring
- Hydrogen Tomorrow News
- Upcoming Tradeshows and Conferences

H2scan's GRIDSCAN 5000 is the First and Only Hydrogen Sensor Certified by FM Approvals

We're excited to announce that H2scan has become the first company to receive FM Approval for a hydrogen sensor with our GRIDSCAN 5000 product. Utilized in transformer monitoring, the H2scan GRIDSCAN 5000 Hydrogen Sensor pairs a high performance ASIC to H2scan's field-proven solid-state hydrogen sensor. FM Approvals is the independent testing arm of international insurance carrier, FM Global. FM Approvals uses scientific research and testing to ensure products conform to the highest standards for safety and property loss prevention. It is our mission to equip the industrial market with safe, affordable, and effective hydrogen sensing technology, and the GRIDSCAN 5000 receiving this reputable industry approval is an integral part of that vision. Read more [here](#).



The Top 5 H2scan Stories of 2022

As we settle into the new year, we wanted to look back at the biggest H2scan Digest stories of 2022. It was a year of many successes and forward momentum in the company, as well as big moves in the green hydrogen space.

Top 5 most clicked H2scan Digest stories of 2022:

1. [H2scan Announces New Website](#)
2. [FM Approval Press Release](#)
3. [RE+ Interview with Traci Hopkins](#)
4. [Julie Feng Discusses Dissolved Gas Analyzers](#)
5. [GRIDSCAN™ 5000: It Changes Everything about Transformer Monitoring](#)

New Feature: "Ask the H2scan Experts"

H2scan is excited to announce its new digest offering called "Ask the H2scan Experts," created to give our readers the chance to ask their most pressing questions about hydrogen sensing. [Email us today to ask any questions about hydrogen sensing](#). Check out the first "Ask the H2scan Experts" Q&A below!

Q: What does the optional pressure transducer offered with the HY-OPTIMA 2700 series do?

A: The pressure transducer provides continuous real-time pressure compensation to help provide the best possible measurement. It is wired into and powered by the Hy-OPTIMA 2700, and reduces the effect that minor local barometric pressure fluctuations can have on the reading. It is carefully calibrated together with the analyzer at the factory to smooth out these fluctuations.

H2scan Kicks Off New Blog

H2scan is pleased to introduce our readers to the new H2scan blog that can be found [here](#). The blog will showcase various articles about hydrogen sensing from industry experts, as well as share hydrogen sensing industry insights. We're starting off the blog with an article written by H2scan transformer expert Leon White, in which he sheds light on hydrogen monitoring in transformers. In the article, Leon explains how to know if you should invest in hydrogen monitoring for your fleet of transformers. Read the post [here](#).



Getting the Most out of Key Gas Monitoring

Transformer Technology Magazine recently published an article about key gas (hydrogen) monitoring written by Chris Rutledge from Dynamic Ratings. As maintenance practices for utilities are quickly shifting from cyclic to a more condition-based approach, it has become a customary practice to install online monitoring for more high-value assets. Much of this monitoring has focused on dissolved gas analysis (DGA) for power transformers. You can read the article [here](#).



Hydrogen Tomorrow News

New bipartisan clean hydrogen bill would advance DOE's research and development: A bipartisan bill introduced last month would authorize additional research and development into clean hydrogen and fuel cell technologies at the Department of Energy.

Biden-Harris Administration announces \$750 million to accelerate clean hydrogen technologies: Last month, the Biden-Harris Administration, through the U.S. Department of Energy (DOE), announced its intent to issue \$750 million in funding from President Biden's Bipartisan Infrastructure law to dramatically reduce the cost of clean-hydrogen technologies.

DOE Proposes New Efficiency Standards for Distribution Transformers: The U.S. Department of Energy proposed higher energy-efficiency standards for three categories of distribution transformers to improve the resiliency of the U.S. power grid, lower utility bills, and cut carbon-dioxide emissions.

Green hydrogen, no more just hot air: The high value National Green Hydrogen Mission cleared by the Union Cabinet this month is yet another important step towards India's transition to a net-zero economy.

Upcoming Tradeshows and Conferences

TechCon North America 2023

TechCon® North America Training and Expo has a trusted history of providing industry experts to lead discussions on the technical development and solutions which improve key high voltage maintenance programs and asset management strategies for the aging electrical grid infrastructure. This year, the conference will be taking place in Charlotte, North Carolina between January 31 and February 2, 2023. As the coffee sponsors of the event, we'd love for you to visit us and chat over a cup. Register [here](#).



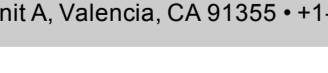
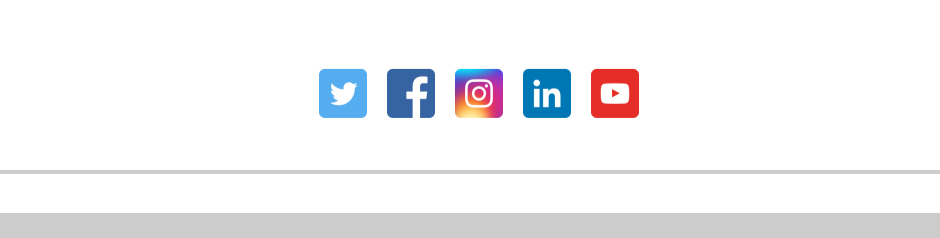
Hydrogen & Fuel Cell Seminar

Save the date: See H2scan at the Hydrogen & Fuel Cell Seminar which is the most established and dynamic hydrogen and fuel cell conference in the U.S., bringing together hundreds of international manufacturers, fuel providers, customers, policy makers, supply chain, integrators, academics, investors, media, and other key stakeholders. The next seminar will take place in Long Beach, California, between February 7-9, 2023. Learn more [here](#).

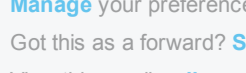


DistribuTECH International

Save the date: H2 scan will participate in DistribuTECH International, the leading annual transmission and distribution event for utilities, technology providers, and industry leaders. The next event will be taking place in San Diego, California, at the San Diego Convention Center between February 7-9, 2023. Learn more [here](#).



Share this email:



Manage your preferences | [Opt out](#) using TrueRemove®

Got this as a forward? [Sign up](#) to receive our future emails.

View this email [online](#).

27215 Turnberry Lane Unit A
Valencia, CA | 91355 US

This email was sent to .
To continue receiving our emails, add us to your address book.

