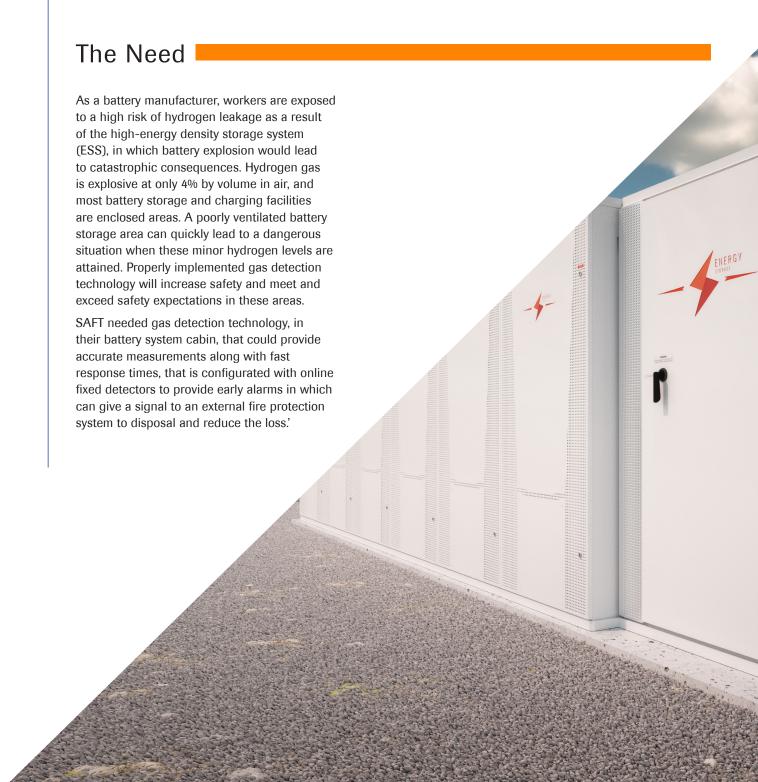
XGARD BRIGHT WITH MPS SENSOR PROVIDES HYDROGEN DETECTION IN ENERGY STORAGE APPLICATION CASE STUDY

SAFT has been energising the world for over 100 years, their longer-lasting batteries and systems have provided critical safety applications, back-up power and propulsion for our customers. Since 2016, SAFT has been wholly-owned subsidiary of TotalEnergies, a broad energy company that produces and markets energies on a global scale. As a leading battery company, SAFT's innovative, safe, and reliable technology delivers high performance on land, at sea, in the air, and in space. SAFT approached HYNN a national high-tech enterprise with collection of research and development, manufacturing, sales and services departments, as the equipment integration supplier.





WORKERS ARE EXPOSED TO A HIGH RISK OF HYDROGEN LEAKAGE AS A RESULT OF THE HIGH-ENERGY DENSITY STORAGE SYSTEM



MPS™ PROVIDES A SOLUTION FOR HYDROGEN DETECTION WHILST REMOVING THE CHALLENGES OF TRADITIONAL SENSOR TECHNOLOGY.



A LONG-LIFE HYDROGEN SENSOR THAT DOES NOT REQUIRE CALIBRATION THROUGHOUT ITS LIFE CYCLE, CARRIES NO RISK OF POISONING OR FALSE ALARMS.

The outcome

SAFT required gas detection technology, in their battery system cabin, that could provide accurate measurements along with fast response times, that is configurated with online fixed detectors to provide early alarms in which can provide a signal to an external fire protection system to disposal and reduce the loss. Our Xgard Bright with MPS™ sensor provides a solution for hydrogen detection, along with challenges from a traditional sensor technology being completely removed. With a long-life hydrogen sensor that does not require calibration throughout its life cycle, carries no risk of poisoning or false alarms, provides safe working environments through continuous monitoring to reduce the risk of fire. XGard Bright provides SAFT with a fixed detector that can be installed in place where it was required and can be left undisturbed for years at a time, without compromising safety or their own peace of mind.



Further info:

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