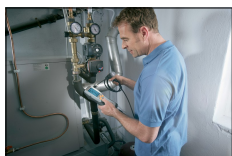


The Bureau for Analysis of Industrial Risks and Pollutions (**BARPI**) of the French Ministry of Sustainable Development has the pleasure to release its second English newsletter. This newsletter aiming at experience feedback on technological accidents will come out twice a year. As a « traditional contact of the BARPI », you have been registered in our mailing list. If you do not wish to receive the next issues, use the unsubscribe button at the bottom of this message. On the contrary, do not hesitate to forward this message to any person you think might be interested. **Registration is free at the following address :** <http://www.aria.developpement-durable.gouv.fr/newsletter>

Synthesis : Accident analysis of industrial automation : sensors



As the first chapter of accident analysis devoted to industrial automation within the ARIA database, this study examines in detail hundreds of accidents involving sensors in various industrial sectors. An [in-depth analysis](#) of these accidents, serves to draw lessons aimed at reducing accident frequency and severity related to this equipment.

This study shows that the underlying cause of a majority of critical sensor malfunctions responsible for or exacerbating accidents can be found in dysfunctions in the organisational chain throughout the sensor life cycle

Flash ARIA : Intense cold weather : beware of freezing... and then thawing !



Extreme or extended cold weather conditions, with strong negative temperature or large variation causing frost and thaw cycle, are periods where accidents or incidents may happen. Ice pressure can lead to cracks or ruptures in pipes or other process equipments transporting or containing dangerous materials. But appendix equipments, as sensors or fire networks, are likewise threatened and to be watched. Finally, snow and ice can induce physical danger by overloading roofs or creating access difficulties.

This news flash suggest some ideas to anticipate the coming winter.

[Read more.](#)

Accident report : 30 years ago, Bhopal



ARIA 7022 - 02/12/1984 - BHOPAL (IN)

In a pesticide manufacturing plant, the emission of a highly toxic gas leads to the worst catastrophe of industrial history. Main causes are cancellation of safety measures, cuts in staffing in a cost saving context and lack of risk anticipation (absence of evacuation plan, lack of information provided to residents regarding the toxicity of products). 30 years later, the surrounding population still pays a heavy tribute as large amounts of hazardous waste are still contaminating both water and soil.

[Read more.](#)

11th IMPEL seminar “Lessons learnt from industrial accidents”



Once every 2 years, the French Ministry of Sustainable Development organises a seminar on Lessons Learnt from Industrial Accidents through the IMPEL European network. The 11th version will take place on 2 and 3 June 2015 in Lille. Simultaneous translation, french and english, will be provided during presentations. The online registration platform will be soon open.

MAHB Lessons Learnt Bulletin



The Major Accident Hazards Bureau (MAHB) of the Institute for the Protection and Security of the Citizen of the European Commission issued a "[Lessons Learned Bulletin](#)" for chemical accident prevention and preparedness, whose aim is to provide insights on lessons learned from accidents reported in the European Major Accident Reporting System (eMARS). The theme of this 5th issue is Major accidents involving fertilizers.

ARIA Website : <http://www.aria.developpement-durable.gouv.fr/?lang=en>

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