

# HSE LIFE

16

SUMMER EDITION 2021

HEALTH, SAFETY AND  
ENVIRONMENT NEWSLETTER  
for the Oil and Gas industry

# NEWSLETTER

New HSE item is **now available!**

# LITHIUM-ION BATTERIES

Lithium-ion batteries contain much more energy than a standard battery. This has many advantages, but also disadvantages. If used incorrectly, a Lithium-ion battery can unexpectedly ignite or even explode.

In this edition

1. LITHIUM-ION BATTERIES
2. TOOLS AND DOCUMENTS
3. INCREASE AWARENESS, IDENTIFY HAZARDS
4. YOUR KNOWLEDGE
5. DON'T FORGET TO UPDATE YOUR KNOWLEDGE!



ALL THE INFORMATION YOU NEED TO WORK SAFELY

# LITHIUM-ION BATTERIES

As a part of our yearly activities, in cooperation with the NOGEPa Workgroup, we are proud to present the latest addition in the HSElife NL Health, Safety and Environment items library: **LITHIUM-ION BATTERIES** !

A **Lithium-ion battery** is a way to store energy and convert chemical energy into electrical energy. Lithium-ion batteries contain much more energy than a standard battery. This has many advantages, but also disadvantages.

**If used incorrectly, a Lithium-ion battery can unexpectedly ignite or even explode. For example, by exposure to heat or contact with water.**

But also by using non-original chargers, overcharging the battery or by damaging it. The gases are toxic. Do not inhale them. The number of incidents is increasing because more Lithium-ion batteries are being used.

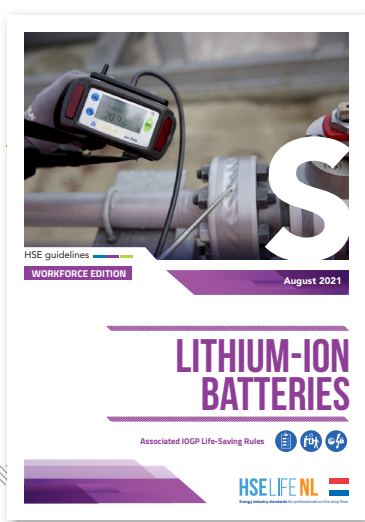


A6 DIGITAL FOLDER, ONSCREEN PRESENTATION AND VIDEO WITH QUESTIONNAIRE

## TOOLS AND DOCUMENTS

AVOID INCIDENTS!

For you as a HSElife NL member, we have developed several different tools and documents that can assist you in your daily work activities. Whether you are just looking for the right information about operational **LIMIT LEVELS**, proper Personal Protection Equipment or you want to pay special attention to **LITHIUM-ION BATTERIES**, along with your team... **we got it covered!**



### A6 digital folder

In the digital leaflet on LITHIUM-ION BATTERIES you can read about what your employer must do so that **you can work safely**, how you can **avoid incidents with batteries** and what **measures you can take** to counteract fire hazards. As always, at the end of the leaflet you will find the **5 important points to remember**.

## TOOLS AND DOCUMENTS



### Onscreen presentation

Download and use the onscreen presentation to prepare and discuss this subject with your team members. **Don't forget to ask 5 questions at the end to confirm that everyone is on the same page!**

### Video and the questionnaire

Not really a presenter kind of man/woman? **No problem, just play the video!** The video contains the same information as the onscreen presentation. Your team always has access to all the information on **LITHIUM-ION BATTERIES**. You can also ask them to watch the video at home and to do a quick test (questionnaire). In that way you can be certain that they are familiar with this HSE item's safety information.



### ACTION FOCUS GUIDE, POSTER AND ACTIVITY SHEET

# INCREASE AWARENESS, IDENTIFY HAZARDS

Er is geen betere manier om een nieuw HSE-item onder de aandacht te brengen dan er mee aan de slag te gaan! Bij voorkeur voor een paar weken om het item echt de aandacht te geven die het verdient.

The Action Focus allows you to zoom in on the specific safety aspects related to LITHIUM-ION BATTERIES. Combine it with the other tools and documents (as described above) and **increase awareness** and make it possible to **identify hazards**. All you need to do with your team is to focus and have an open conversation with each other.

Download and print the **ACTION FOCUS guide, poster and activity sheets** and organize a meeting or a walk-around to identify, discuss and remove potential fire hazards.

[CLICK HERE TO VISIT THIS ITEM PAGE ON HSELIFE NL >](#)

**LITHIUM-ION BATTERIES** HSELIFE NL

**Activity sheet**

**A INFORM - Action Focus start**  
 • What were your most important findings from the survey?  
 • What are your most important new perspectives?

**Guide to a successful HSE item Action Focus**  
 Kick-off of the Action Focus

**5 to remember**

- Lithium-ion batteries can pose a fire hazard if overcharged.
- Charge Lithium-ion batteries **safely**, during the day, in a non-flammable location.
- Extinguish small Lithium-ion batteries with water: **immerse the battery in water**.
- Be sure to **safely store** Lithium-ion batteries/accumulators in a specially designed safe fireproof charging cabinet.
- Inspect devices and batteries **before use** for signs of damage, such as bulging, cracking, heaving, leaking, and smoking, especially if they are subject to wear and tear.

Dispose of used batteries and accumulators in special collection containers. For private use: never dispose of used batteries or accumulators in the regular waste. Deliver them to the environmental center in your community or to a store that accepts batteries.

**Work safely or do not work at all!**  
 Watch the video related to the LITHIUM-ION BATTERIES by scanning the QR code and for more information visit [hse.nl/en](https://hse.nl/en)

HSELIFE NL

# YOUR KNOWLEDGE

The **HSElife LEARNING AND REGISTRATION SYSTEM**, LARS for short, is the latest edition of the online training and certification registration system. It can be used on any device (desktop and mobile) to automatically register your training certificate and to manage your knowledge by authorized personnel.

## KEY FEATURES

- 24/7 overview of training results
- Replenishment of new training modules
- Industry-wide overview
- Personal information management
- Secure SSL information
- Scan QR code for secure authentication
- Link to your own CMS (via API) and vice versa
- More than 10,000 registrations have been done within LARS

**HSE LIFE LARS 3.0**  
LEARNING AND REGISTRATION SYSTEM



## In these challenging times, the HSElife NL team has not been idle.

Besides regular maintenance and supporting all users (cca 12000 so far), various HSE items have been produced, such as:



Read them all, discuss them in the toolbox meeting and check your knowledge by doing the test. Would you rather pay special attention to these topics by detecting and removing hazards from your working environment?

**Use the Action Focus tools - work safely and improve the work process.**

## HSE LIFE HELPDESK

Need assistance in using LARS or want to implement this registration system in your organization in the right way? Let us know by sending an email to [info@thewatgroup.com](mailto:info@thewatgroup.com)



**HSE LIFE NL** 

Energy Industry standards for professionals on the shop floor

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