



INEOS Köln

Supporting ambitious zero-incident goals

About INEOS Köln

With 25,000 employees in 39 businesses, INEOS is one of the largest chemical companies in the world, generating a product volume in the range of 66 million tons annually. The company's petrochemical site in Cologne has 2,500 employees and is the third largest industrial employer in the city. As an important supplier of raw materials to the chemical industry, INEOS Köln has high safety standards and ambitious goals to achieve zero accidents and zero environmental incidents.



Challenge

INEOS Köln has made it a priority to continuously improve in the areas of safety, health and the environment, however, with more than 800 employees working in shifts every day of the year, monitoring numerous facilities around the clock is no easy task. Preventing accidents and incidents presents a new challenge every day, because the company is aiming for zero accidents and zero environmental incidents.

An integral solution for a wide range of tasks

Safety, health and the environment are particularly important for INEOS Köln as part of the company's focus on achieving safety and environmental standards. As a member of the German Chemical Industry Association (VCI: Verband der Chemischen Industrie) the company has committed itself to the VCI environmental guidelines and joined the "Responsible Care" initiative. INEOS Köln is also dedicated to environmental issues as documented in its environmental ISO 14001 certification, while its quality management system has been certified according to ISO 9001 and the energy management system according to ISO 50001.

INEOS Köln uses the following AMCS solution: AMCS EHS Management

Book a call with our experts today for a personalized consultation >

2,500

Employees

>800

Employees Working Daily

1957

Founded

21

Plants



Solution

To support its proactive approach to EHS, INEOS Köln implemented a sustainable software solution from AMCS. It now uses the intuitive web-based solution to record all unsafe actions and near-miss situations or “almost” accidents. In order to avoid similar incidents in future, the cause of the incident is thoroughly analyzed and subsequently eliminated.

Eliminating accidents before they happen

If an unsafe situation is detected, it can be documented in the software and the information immediately sent to the responsible person. They can then take care of the entry, initiate prompt action and schedule a fixed deadline for the issue to be resolved. All involved parties are informed about the progress of this process.

In the event of an accident, a mail-ready notice of accident can be generated within seconds and instantly sent to the responsible employer's liability insurance association.

Results

In addition to reducing the time and effort involved in managing occupational health and safety, the AMCS system has led to various company-wide improvements. “Implementing AMCS is of utmost strategic and operational importance to us. The system makes it easier for everyone to do their job. Moreover, it helps us immensely in keeping our processes transparent and in compliance with governmental regulations,” explained Dr. Axel Göhrt, Manager Production and Technology, INEOS Köln.

Planning for sustainable success

Managing everything in one system offers numerous advantages for time management as well as providing a comprehensive overview for all processes and product flows. Whereas previously processes were performed in different applications, they can now be found in one central system, which provides a strong foundation for any improvement measures.

Audits and site inspections can be conveniently planned and documented with ease, while enhanced web-based reporting encourages an active approach to safety. Other areas, such as document management, equipment subject to regulations and a catalog of requirements, are also handled quickly and conveniently in a step-by-step process thanks to the AMCS software.

Transparent hazardous chemicals management

High safety standards characterize the INEOS Köln site, which is why the company utilizes AMCS to record and analyze unsafe situations and incidents that could potentially endanger the environment. One example of this is the company's hazardous chemicals register, which includes a list of all potentially dangerous materials and their corresponding safety data sheets, accessible in AMCS at any time.

Using a filter, employees can immediately find the working or hazardous chemicals they are looking for, including properties and application areas. Identifying and labeling individual substances according to GHS/CLP is done easily with the click of the mouse. The software then automatically alerts users when safety data sheets need to be updated, ensuring that hazardous chemicals are handled safely across the entire company.

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