

Specific Process Safety Risks in Ammonia and Urea Plants

19-21 June 2019 in Amsterdam

A First of a Kind Milestone Event



From 19-21 June 2019, AmmoniaKnowHow.com and UreaKnowHow.com for the first time did held an open 3-Day Training Program "Specific Process Safety Risks in Ammonia and Urea Plants". More than twenty engineers participated from all around the world: Belgium, Germany, India, Iran, Italy, Nigeria, Pakistan, The Netherlands, UK, USA and Vietnam.

It was a first of a kind milestone event in our industry as several process safety risks were shared and discussed amongst all participants, who origin from various licensors, contractors and producers. The result can only improve Safety and Performance of our industry!

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The training started with an overview of the various hazard identification and risk assessment techniques, which was followed by the **lessons learned from past incidents in ammonia and urea plants.**

On the second day two workshops were held: a risk assessment on an ammonia incident and a risk assessment of three types of leak detection systems for loose lines of high pressure urea equipment. Further numerous incident case studies were presented and the risks of hydrogen explosions in urea plants was discussed in detail.

From the beginning there was a very pleasant atmosphere among the participants and many questions were raised and experiences shared. We are proud to have facilitated this **first of a kind milestone event** in our industry: sharing and discussing process safety topics is beneficial for all parties and thus for our industry. It will lead to more knowledge, less incidents, higher on stream times and a better reputation of our industry.



Also this time a **Sponsor Market** on the second day was organised, which was again a very lively event and valuable exchange between seven Sponsors and the participants.

Present were [BADOTHERM](#), [BUNGARTZ](#), [CURTISS WRIGHT EST GROUP](#), [KREBER](#), [PROTOMATION](#), [SAIPEM](#) and [STAMICARBON](#).

Plus most participants tried the typical Dutch speciality...Maatjes!

Next year, in June 2020, we plan again our 5-Day Urea Training Program and the Urea Master Program.

We can organise one of our training programs at your site. Please refer to:

<https://www.ureaknowhow.com/ukh2/services/668-5-day-training-program-for-urea-engineers.html>

