



## GASTAR Training Course

### COURSE OVERVIEW

GASTAR is a dense gas dispersion model, ideally suited to modelling accident and emergency response scenarios or investigating site safety involving releases of flammable or toxic materials. This training course aims to equip you with the skills required to model dense gas releases using GASTAR. No prior knowledge is assumed.

### COURSE OUTLINE

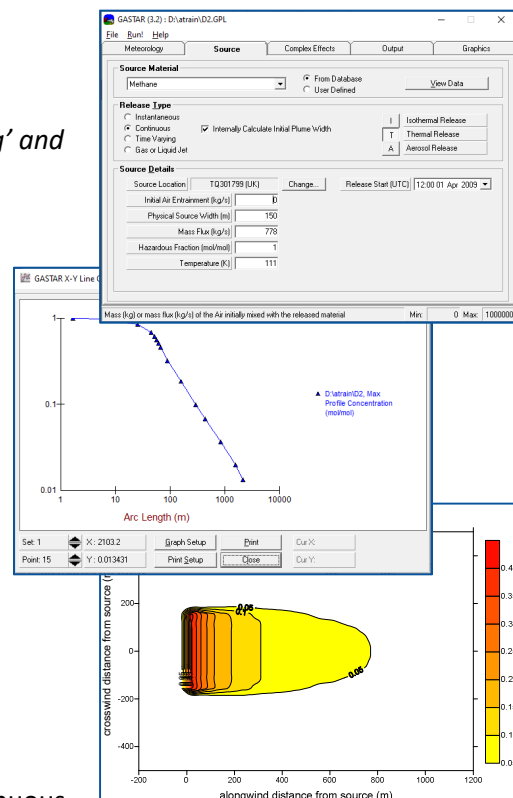
One-day course - 09:30 to 16:30

- *Introduction to the dispersion of dense releases*
- *Introduction to GASTAR and how to use it*
- *Utilities for calculating input to GASTAR: 'Flashing' and 'Pool uptake'*
- *Worked examples:*
  - *Modelling a continuous release*
  - *Modelling an instantaneous release*
  - *Modelling the effect of slopes and obstacles*
  - *Modelling a liquid spill*
  - *Modelling a directional release*

On completion of the course, you will be able to:

- recognise key input data needed to use GASTAR
- model different types of release (including continuous, instantaneous, directional)
- model the influence of obstacles and slopes on dispersion
- identify and interpret different types of GASTAR model results
- present GASTAR results graphically
- select the appropriate GASTAR model options to use for a specific study.

You will be equipped to complete your own dense gas dispersion modelling studies.



## COURSE LOCATION

The course can be delivered online or in person. The online course is delivered through a combination of audio presentations, hands-on worked examples and live communication with a CERC expert instructor.

If you complete the course online, you will have access to the online platform for one day after the course has ended, to enable you to consolidate your learning.

## INSTRUCTORS

The CERC instructors are full-time consultants with extensive experience in their area of training. Their experience with projects transfers into a practical and effective learning opportunity.

## COURSE MATERIAL

If you attend the course in person, you will be given a handbook containing the course material. Online attendees will be able to download the handbook. A course certificate can also be provided.

## SOFTWARE

It is not necessary to purchase GASTAR before completing the course; a free demonstration copy of the software with a one-month licence can be provided.

## DISCOUNT

**10% Discount**

*on scheduled CERC training courses,  
when purchased with a software annual  
licence or support renewal*

## ENQUIRIES AND REGISTRATION

For more information, or to enrol onto a course, please email [training@cerc.co.uk](mailto:training@cerc.co.uk)