

PIPA

Pre-Incident Planning

Developing
emergency
response plans

PIPA is Shell's software suite for hazard consequence evaluation to support the development of emergency response plans and determine fire protection requirements.

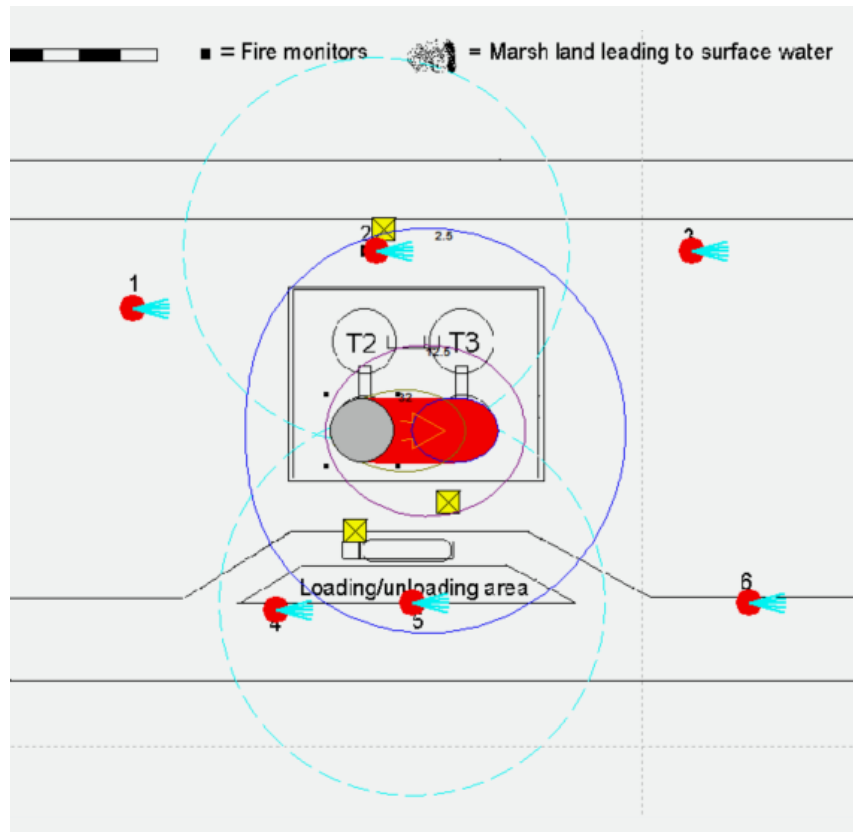
It enables plant operators, safety engineers and fire chiefs to understand the impact of hazard consequences for any proposed design, comparing concepts and highlighting areas requiring modification.

Easy and simple to use, the software has a variety of outputs from simple graphs showing the size of hazard consequences to full emergency response plans including hazards, protection requirements and justifications.



Key Benefits

- Shell's state-of-the-art consequence modelling suite
- Fast, reliable and exact predictions of hazard consequences from potential releases and fires
- Database of common hazardous substances so users do not have to manually enter material data
- Rapid "what-if" scenarios according to different weather conditions
- Range of data outputs showing the size of potential releases and fires



Uses and applications

- Assists the development of emergency response plans
- Cost-effective screening of plant design options, comparing concepts and assessing modifications
- Quickly reviews and sets separation distances between plant, equipment, workers and members of the public
- Rapid identification of the most serious potential consequences
- Specifies fire protection requirements



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World-leaders in the field of safety and risk management and advanced dispersion, explosion and fire modelling.

Shell

An international energy company that aims to meet the world's growing need for more and cleaner energy solutions in ways that are economically, environmentally and socially responsible.

For more information and product enquiries:

Email: sales@gexcon.com

Norway +47 55 57 43 30
UK +44 1925 202430
France +33 642 191787
Australia +61 419 982 160
China +86 (0) 21 58 85 27 70

India +91 9527962600
Indonesia +62 21 27 80 68 66
USA +1 (301) 915 9940
Middle East +971 5 859 24568

Gexcon AS, Fantoftvegen 38, NO-5072 Bergen, Norway

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