



Are Your Occupied Buildings Risks ALARP?

The BP Texas City disaster of 2005 brought into sharp focus the relationship between the location of portable and permanent buildings on high hazard sites and the potential effects of an explosion or release on their occupants.

In this case, 14 of the 15 fatalities were in temporary accommodation. However it is not only a building's proximity to the processing or storage area of a plant that can influence the potential outcome of a major accident, but also the building's design and the risk reduction measures installed on the plant or process.

Keeping Your Staff Protected

HFL Risk Services can help you to ensure that staff in your offices and other workplaces are adequately protected against potential hazards. We have completed numerous occupied buildings risk assessment studies (including the use of exceedance curves) and have a well developed methodology which incorporates the requirements of the CIA and HSE. In fact our experience in this area is such that we have been involved in writing the latest update to the CIA Guidance on Occupied Buildings.

Expert Solutions

We are committed to providing solutions to reduce the level of risk to as low as reasonably practicable (ALARP), so we can also provide a structural review, conducted by a civil engineer, as part of our risk assessments. This aids in the identification of remedial measures that would provide a higher level of protection to the building occupants. The identified remedial measures and the results of the risk assessment are then used to develop a prioritised action plan for the site.

We can help by:

- Carrying out occupied buildings risk assessments according to the CIA guidance
- Reviewing existing building design and identifying remedial measures to increase protection
- Developing toxic gas and flammable/explosion refuges for people
- Providing Basis of Safety documentation

We are also experts in Process Safety Management, COMAH, DSEAR, REACH, Asset Integrity Management, Human Factors, IPPC, Functional Safety Management and LOPA, and Fire Safety.

For more information or for an informal discussion, please contact us on:

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