



FACILITY SITING STUDIES

PROTECTING HEALTH, SAFETY AND ENVIRONMENT

At RedGuard, we're known for safety, however, protecting lives and assets with our blast resistant buildings is just one way we accomplish that. Facility Siting Studies, part of our Engineering Service offerings, can help you manage the risks associated with working in hazardous environments, and prevent accidents resulting in major financial loss, injuries, and lost lives.

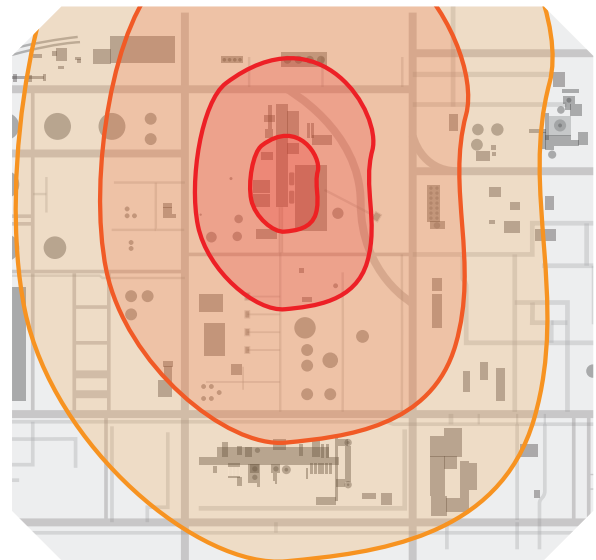
Facility siting studies are done to comply with regulations, meet industry guidelines and reduce the chances of public exposure. The OSHA 29 CFR Part 1910.119 Process Safety Management regulation (known as PSM) requires a facility siting study to be carried out in a company's Process Hazard Analysis (PHA). Failure to conduct facility site studies could result in fines from OSHA, as well as trigger actions with more far-reaching consequences. All refineries, petrochemical or other chemical operations, and other facilities covered by the PSM regulation are required to complete facility site studies.

HAZARD ANALYSIS

A proper study will include a thorough assessment and offer mitigation solutions. We'll give a clear analysis of potential hazards on your unique work site from explosions, fires and toxins. We'll assess the damage that would be incurred by occupied buildings and the harm subjected to onsite personnel. Damage levels will be illustrated with overpressure maps of a calculated explosion. We'll analyze the impact to onsite buildings, from both an exterior and interior point of view, plus, look at offsite areas and determine the response of each area to a blast.

HAZARD MITIGATION

RedGuard will provide guidance to reduce risk from explosion, fire and toxic hazards to personnel in buildings. Our analysis will include recommendations to reinforce existing buildings, replace them with blast resistant buildings, or to determine if buildings should be relocated to areas less susceptible to damage.



A REDGUARD FACILITY SITING STUDY INCLUDES:

OCCUPIED BUILDING ASSESSMENT	FIRE, TOXIN AND EXPLOSION STUDY	TEMPORARY BUILDING SITING	PERMANENT BUILDING SITING
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WHY REDGUARD?

RedGuard is the leading authority in blast resistance and a world leader in providing safe, customizable and scalable modular buildings.

RedGuard has aligned with industry-leading strategic partners who are known across the globe, and with engineers who are recognized as the best in their fields. To save time and money, and to mitigate hazard areas as soon as they are identified, RedGuard can provide you with immediate turnkey solutions, or we can custom engineer a solution based on site requirements.

CONTACT US TODAY

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