

Voice over text animation Awareness areas

Fortunately, incidents involving hazardous substances such as a fire explosion or poison cloud do not occur often.

Nevertheless, it is wise to take risk sources into account when drawing up a physical environment plan.

That is why in the Environment and Planning Act awareness areas are laid down that indicate the possible dangers.

This offers planners and designers the opportunity to take measures.

A first type of awareness area concerns fire.

Within this area heat radiation is the greatest danger.

If you still want to build here, protective measures are necessary.

A second type of awareness area is the awareness area for explosion.

In this type of awareness area the greatest dangers consists of a blast wave or heat radiation.

Hence, buildings intended for less self-reliant people must be built in such a way that damage and injury are limited.

The third type of awareness area is the awareness area for a toxic cloud. The release of dangerous gases may occur here.

This means that buildings must have for example closable ventilation and that people must be well informed about what to do in case the need may be.

For all three types of awareness areas, communication about hazards is important.

The population must know what they can and must do in the event of an incident.

By taking into account the dangers of fire, explosion and toxic clouds in spatial planning, we make the environment safer.

To learn more read the environmental safety manual at environsafety.rivm.nl