

Permit issuing as an essential component of operational continuity

Constant developments demand a constant focus

Our needs change constantly. This means factories and commercial location must also change to be able to continue to meet these needs. Legislation and regulations also change over time. In short, companies are faced with a constantly changing environment. This interaction with the environment – just as with market developments – has a major impact and necessitates the continuous development of industrial locations.

TAUW advises companies about the development of their industrial locations. Paying attention to the living environment plays a major role in this process. All this means the (re)development of a factory or commercial location is a complex process, which must comply with the applicable legislation and regulations. We have extensive experience with (environmental) permits and can provide support throughout the entire life cycle of a company, from the production and operational phases, redevelopments and relocations to the closure of locations.

TAUW takes care of it

The permit advice TAUW provides covers the entire process: from the analysis of the required permits and support during the design phase to advice on the conditions associated with a permit or providing support during appeals processes. Good permit management avoids unnecessary delays to projects, for example because permits are missing or procedures and exemptions have not been properly completed. It also limits and monitors the risks to the realisation of your business case.

With a future-proof permit, adapted to your ambitions, your operations remain flexible and substantial time and cost savings can be realised during future developments. TAUW focuses on content and process, provides second opinions and can take care of all permit-related work.

Reduce costs and save time

TAUW has handled permit applications and supporting surveys for decades. We understand the legal requirements that apply to a permit application, are aware of the risks and can accelerate procedures. We harness our knowledge and experience of the production and operational phases in various industries during the design phases. We help ensure that the design complies with the permit conditions, so that no amendments are required later. This reduces costs and saves time.

Complying with legislation and regulations

New legislation and rules place major demands on a company. To avoid delays to the realisation of projects, it is therefore important to take account of the legal requirements as early as possible in the process. Our consultants know which rules apply to you as regards permits and enforcement, and would be happy to advise you about these. Our advice primarily focuses on legislation and regulations related to the physical living environment. Our experts can take care of the entire permit application process for you, from preparing the application to assessing the draft permit. Our permit managers are supported by specialists and lawyers, who provide advice on topics including noise, odour, soil, external safety, water, sewerage and protecting the natural environment.

Legal issues may arise during or after the realisation of a project, for example as a result of objections and appeals procedures, or due to the application of administrative enforcement measures by the authorities. TAUW can also support you in this area by acting as your legal adviser, whether independently or otherwise. Our consultants work together intensively with TAUW's many technical specialists. This partnership serves as the basis for high-quality advice in numerous areas where permit-related issues arise.

The implementation of the Omgevingswet (Environmental Planning Act) is a far-reaching change. TAUW is able to clarify the consequences of the Environmental Planning Act for industry, and takes account of this legislation when submitting applications.

You can find more information about our expertise and project references on our website: www.tauw.com.

TAUW is the leading partner for the industry

Our strength lies in unburdening our clients in the broadest sense. We have the necessary knowledge and experience in house, we are large enough to take on any task and yet small enough to provide short lines of communication and personal engagement. We are a reliable and committed partner and can work with you to realise your business case, while taking account of all relevant environmental factors. We also offer support in the field of compliance and your license to operate, and stand out thanks to our innovative problem-solving capacity. This is demonstrated by the many good, long-term relationships that TAUW has built up in various sectors, including foodstuffs, chemicals, energy, oil & gas and logistics. This makes TAUW the leading consultancy firm for the development of industrial locations and permit management.

What we do

TAUW services for the industry



Permit applications and compliance work

- Environmental impact assessments and environmental impact assessment reviews
- Environmental permits (environment, construction, demolition, work or activities)
- Waterwet (Water Act) permits (discharge, extraction, sewerage treatment plants, impact on/of hydraulic engineering works)
- Wet natuurbescherming (Nature Protection Act) permits
- Amendments to or deviations from spatial plans and zoning plans
- Wet bodembescherming (Soil Protection Act) remediation plans

- Strategic advice in relation to the development of business cases
- Environmental Due Diligence (EDD)
- · Compliance management advice
- · Compliance management systems
- Quality systems (ISO)
- · HSE audits
- (Safety) management system (Seveso, ISO 45001, ISO 1400)
- Project management



Surveys

- Advice in relation to air quality
- Odour surveys
- Nitrogen deposition surveys
- Air and dust emissions (incl. measurements)
- SVHC to air, water, soil, waste
- Wastewater surveys (incl. monitoring)
- Acoustic surveys (incl. measurements)
- Vibration surveys
- Asbestos surveys
- Ecological surveys
- Energy advice
- Soil Risk Assessment (SRA)

- (Water) soil surveys
- Archaeological surveys
- Unexploded ordnance/ detection of conventional explosives advice
- Environmental Risk Assessment (ERA)
- General Assessment Methodology (GAM) test
- Emission/ immission test
- IPPC test (BREF/BAT)
- Waste substances policy (AV&AO/IC (Acceptance and Processing, Administrative Organisation/Internal Control))





Safety

- Health and safety at work (e.g. exposure measurements, (A)RIE))
- Explosion safety (ATEX)
- Machine safety and process safety (HAZOP, SIL, LOPA, installation scenarios)
- Construction and demolition safety
- Fire safety engineering
- Evacuation plan (company emergency plan)

- Advice external safety (Bevi, Decree on External Safety of Establishments)
- Advice Seveso legislation
- Quantative risk assesment (QRA)
- Fire safety report
- Safety report
- GAP-analysis / advice storage dangerous goods (PGS)



Associated services

- Civil engineering design and construction support
- Geotechnical surveys and advice
- · Foundation advice
- Paving and roadway surveys and advice (incl. foundations)
- Preparation and supervision of asbestos remediation
- Water management plans
- Design of water storage and discharge systems (sewerage, drainage, water buffers)
- · Wastewater treatment technology

- Supervision of (construction site) safety
- Data management
- Advice in relation to cables and piping (Wibon, Wet informatie-uitwisseling (Information Exchange Act))
- Hazard management
- Environmental/stakeholder management
- Auditing (ISO and safety)
- Interim management (HVK, health specialism, QHSE)

Who we are

TTAUW is a European consultancy and engineering firm with a leading position in the field of environmental consultancy and making sustainability achievable. With 1,200 dedicated professionals, TAUW facilitates a vibrant living environment by offering meaningful solutions and combining robust expertise with valuable partnerships.

TAUW was originally founded in 1928 as the Technisch Adviesburo van de Unie van Waterschapsbonden (Technical Consultancy Agency of the Union of Water Authorities) and has an international reputation in the field of environmental consultancy (including environmental monitoring and measurement), spatial development, hydraulic and civil engineering. Today, we specialise in the design, improvement and management of the natural environment, the built environment and infrastructure. Our consultancy work is backed by our state-of-the-art technical expertise and knowledge of the local context. TAUW is also known for its high-quality technical environmental expertise and experience with the current subject of projects, including associated fields.

Because we have all relevant specialists and data monitoring, measurement and monitoring capacity in house, we can operate and respond rapidly and efficiently. To maintain our position, TAUW invests in innovation and continuous training of employees. This allows developments in technology and policy to be rapidly transformed into a new range of applications that are ready to be brought to market.



References

Eindhoven Airport

The client

Eindhoven Airport is the second largest airport in the Netherlands, with 6.7 million passengers in 2019.

Our role

TAUW has provided a wide range of consultancy services to Eindhoven Airport since 2014. As part of the contract with Eindhoven Airport, TAUW is one of the parties that help the airport realise its goals.

Description of activities

TAUW supports Eindhoven Airport with:

- The five topics: sustainability, compliance, transactional services, site development and soil remediation.
- General maintenance issues, including sewerage planning, cables and piping, soil remediation and the management of all required permits for site development issues.
- Specific projects, including the realisation of aircraft platforms, expansion of the baggage hall, engineering of outbuildings etc.

STERCORE

The client

STERCORE is a company originally founded in Drenthe. It produces green gas and high-quality Bio-Based Carbon from manure and digestate from manure fermenters.

Our role

TAUW supported STERCORE with the application for the permit for the realisation of its location in Emmen.

Description of activities

TAUW supported STERCORE with various aspects of the preparatory process, including:

- Preparing the environmental impact survey
- Applying for the environmental permit
- Carrying out sub-surveys, including QRA, ERA, BRZO (Decree on Major Accident Hazards) check,
 PHS Gap analysis, Soil Risk Assessment, General Assessment Methodology (GAM), emissionsimmissions,
 noise, air quality and nitrogen deposition

For more project references, please see our website.

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