

## **Expertise**

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Key activities of horst weyer and partners include, among others in the following areas:

## **Engineering**

- Planning
- Process simulation with ChemCAD
- Basic & detail engineering
- installation supervision and commissioning

## **Approval management**

- Preparation of application forms with necessary technical expertise
- preparation and support at appointments with authorities

## **Security Services**

- Preparation and review of safety reports and safety management systems
- Systematic hazard analysis (eg HAZOP, HAZOP, QRA)
- Alarm and hazard control planning
- modeling and calculation of pollutant and energy releases

## **Explosion protection**

- Explosion protection concepts
- Explosion protection documents for BetrSichV
- review the suitability of electrical equipment in hazardous areas
- root cause analysis after explosion and detonation events

## **Fire Protection**

- Fire protection plans
- Fire risk analysis
- fire investigation
- Escape, rescue plans and fire plans

## **Water Protection**

- Initial and periodic testing in accordance VAWs
- Development and testing of water conservation concepts
- plant renovation and retrofitting
- Material classification and identification of potential risk

## **OSH**

- Management / Organization in occupational safety
- Risk assessments in accordance ArbSchG, BetrSichV, GefStoffV, BioStoffV

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- health and safety coordinator and safety and health plan under the Construction Sites Ordinance

## **CE marking**

- External CE-Coordination
- Risk assessments
  
- Operating Instructions / Assembly

## **Logistics Consulting**

- Logistics Due Diligence
- Logistics Audits & Concepts
- Security Technical and logistical project management
- Dangerous Goods Management