Information for our site-neighbors: Environmental Protection, Safety and Emergency Management

In accordance with the Environmental Information Act (UIG) § 14

www.infineon.com/austria

Villach site

Infineon Technologies Austria

Energy efficiency, sustainable mobility and safe operations in a networked world are global megatrends that Infineon addresses with its semiconductors and system solutions.

Infineon Technologies Austria AG is a subsidiary of Infineon Technologies AG. Besides Germany, it is the only Group company that pools competencies for research and development, production and global business responsibility.

The head office is in Villach, further sites are located in Graz, Klagenfurt, Linz and Vienna. The more than 5,500 employees (of which about 2,390 work in research and development) from 79 nations make Infineon Austria the leading company and one of the most research-intensive companies in Austria (as of 2022).

The latest facts & figures about Infineon Austria can be found online at: **www.infineon.com/austria**

What we do

Be it in refrigerators, cars, photovoltaic and wind power systems, smartphones, LED lighting, engine control in trains or electric vehicle drive mechanisms – Infineon microchips reduce power consumption, increase safety and improve energy efficiency. Infineon is the world market leader for these power semiconductors, also known as **energy-saving chips.** The microchips from Villach play a vital role in this.

Semiconductors for applications in automotive and industrial electronics are the main product in Villach. The production site is considered the innovation factory of the front-end production network, with partner factories in Germany and Malaysia.

Technological competence delivers worldwide success
The electronic components are produced on silicon discs called wafers. This requires approximately 1,000 production steps involving different technologies and complexities. The expertise to produce 40-micrometer (0.04 millimeters) thin wafers in high volumes is unique throughout the world. In total, approximately 1,800 basic product types are produced simultaneously. The site unites research, development and production, which drives forward innovation and boosts the global market success of Infineon energy-saving chips from Austria.

Knowledge-based production
Since 1997, Infineon in Villach has been the global competence center for power electronics within the Infineon Group. In 2017, the global competence center for new semiconductor materials was also established in Villach. Integrated and knowledge-intensive production – Industry 4.0 – also offers the opportunity for Infineon to further improve energy efficiency, productivity and quality. This modern environment makes Infineon Austria a pioneer of intelligent production.

Environment & sustainability by conviction

Infineon assumes its responsibility holistically. For us, sustainability implies a symbiosis of economy, ecology and social commitment. In this respect, our activities go beyond the legal standards and regulatory requirements. Through voluntary self-imposed commitments, internal rules and requirements, we set ourselves an additional framework for action.

In order to ensure efficient resource management, a global management system was established in 2005 – **IMPRES** (Infineon Integrated Management Program for Environment, Energy, Safety, and Health). It integrates the objectives, processes and strategies in the areas of environmental protection, occupational safety and health.

Since 1997, Infineon Austria has voluntarily committed itself to the Eco-Management and Audit Scheme **(EMAS)** audit conducted by the European Union as well as the international environmental management standard **ISO 14001.** In addition Infineon is supporting the Sustainable Development Goals (SDG) of the United Nations Global Compact. This commitment is also recognized by external, independent audit bodies: The Infineon Group has been one of the world's most sustainable listed companies since 2010 and is ranked in the **Dow Jones Sustainability™ World Index** and the **Dow Jones Sustainability™ Europe Index.**

Based on this, we have introduced numerous focal points to support people and nature at the Villach site: **After all, it is important for us to live alongside you, our neighbors, safely and with an awareness of our environment.**

Voluntary commitment since 1997

- EMAS (Eco Management and Audit Scheme of the European Union)
- EMAS Awards: 2018, 2013, 2009
- First company to be validated pursuant to the EMAS-III Regulation in Austria

IMPRES definition

Matrix certification in accordance with the standards:

- ISO 14001:2015 Environmental management
- ISO 45001:2018 Work and health management
- ISO 50001:2018 Energy management
- ISO 22301 Business continuity

Legal requirements

Some of the chemicals and gases used in the microchip production are hazardous, i.e. poisonous, highly flammable or else have other hazardous properties. They present a potential risk in the quantities required by Infineon. For this reason, the Infineon site in Villach, Siemensstraße 2, is subject to extensive safety and documentation obligations in accordance with the Trade, Industrial Accident and Incident Information Act.

Infineon Villach is subject to the terms and conditions of section 8a of the Industrial Code (GewO); the relevant trade authorities have been informed in accordance with § 84 d section 1 of the GewO. The safety report was presented to the authorities pursuant to § 84 f GewO 1994. The external emergency plan as well as the safety report is available for inspection at the Villach municipal authorities. With the company Linde there is a domino operation, which is situated with the new gas farm as a Seveso operation in the immediate vicinity. Due to the implemented measures, however, there is no domino effect.

The site covers a total area of approx. 260,000 m^2 and the front section looking out onto the Siemensstraße is divided into office, social, research and development buildings. Supply and disposal areas, such as the chemical and gas store as well as tank systems which form the main part of the hazardous materials used on the site, are located at the southern part of the site, the so-called facility management area. The wastewater treatment plant and waste collection center are also located here.
The production of semiconductor elements is spread over seven halls including the new chip fab. All information about the site can be found at: **www.infineon.com/austria**

Potential hazards

The release of hazardous substances caused by leaks and technical faults or natural disasters (earthquakes or floods) presents a potential hazard. Uncontrolled dispersal of these substances can lead to a contamination of water and soil, a danger to humans, fire or destruction of local site components due to deflagration or detonation (explosion). Technical and organizational measures are applied at Infineon Villach to avoid the risk of an industrial accident occurring. These are documented in a comprehensive safety report and reviewed annually by the authority.

We observe the following safety aspects in particular:

- Media-compatible collecting basins are provided in the storage areas.
- The avoidance of industrial accidents is of primary importance in the planning and operation of the systems.
- Safety precautions are applied on a multi-level basis.
- Well-trained and skilled staff operates, maintains, checks and regularly adapts the systems to the state of the art.
- The systems are regularly checked by external experts to ensure they meet legal regulations.
- Infineon Technologies Austria AG has an integrated safety management system.

Despite this comprehensive security strategy, however, technical or human error can never be completely ruled out. In extreme cases, it can lead to accidents that are no longer limited to the plant premises.

What can happen

The following main hazards can occur:

- Combustion gases are released during a fire. Depending on the wind strength and direction, these combustion gases may disperse beyond the borders of the premises. The effects of soot clouds and heat must be taken into account in these circumstances.
- In the event of an explosion or technical fault, a strong pressure wave may be created and possibly flying parts released.
- The release of substances may lead to the dispersal of hazardous gases, steam and dust which could result in soil and air contamination.

The Villach site has a high safety level, which is checked by the authority in an annual inspection. The Villach fire department is also involved in this process and continuously consults with the Infineon plant fire department. This makes it highly unlikely that the dangers of industrial accidents or technical faults, as described above, would ever occur.

Due to all technical and organizational measures taken, the probability of occurrence is kept as low as possible. Trans-boundary effects in the event of a major accident are not expected.

How we handle hazardous substances

The substances and substance categories stored and used at Infineon Villach are detailed and specified according to substance category in part 1 and part 2 of appendix 5 of the current version of the Industrial Code.

Here is a list of the main hazard categories as well as substance types:

Part 1 – Hazard category for substances and mixes

Section 'H'– Health hazards	H1 ACUTELY TOXIC Hazard category 1, all routes of exposure
	H2 ACUTELY TOXIC – Hazard category 2, all routes of exposure – Hazard category 3, inhalation exposure route
Section 'P' – Physical hazards	P2 FLAMMABLE GASES – Flammable gases, hazard category 1 or 2
	P4 OXIDIZING GASES – Oxidizing gases, hazard category 1
	P5a FLAMMABLE LIQUIDS – Flammable liquids, hazard category 1 – Flammable liquids, hazard category 2 or 3 which are maintained at a temperature above their boiling point – Other fluids with a flash point of ≤60° C which are maintained at a temperature above their boiling point
	P5c FLAMMABLE LIQUIDS – Flammable liquids, hazard category 2 or 3, not documented under P5a and P5b
	P7 SPONTANEOUSLY COMBUSTIBLE LIQUIDS AND SOLIDS – Spontaneously combustible fluids, hazard category 1 – Spontaneously combustible solids, hazard category 1
	P8 OXIDIZING LIQUIDS AND SOLIDS – Oxidizing fluids, hazard category 1, 2 or 3 – Oxidizing solids, hazard category 1, 2 or 3
Section 'E' – Environmental hazards	E1 – Hazardous to aquatic environment, hazard category acute 1 or chronic 1
	E2 – Hazardous to aquatic environment, hazard category chronic 2
Section 'O' – Other hazards	O1 – Substances or mixes with hazard note EUH014
	O3 – Substances or mixes with hazard note EUH029

Part 2 – Names of substances

Number	Substance
Number 10	Chlorine
Number 15	Hydrogen
Number 16	Hydrogen chloride
Number 18	Liquefied extremely flammable gases and natural gas
Number 19	Acetylene
Number 25	Oxygen
Number 28	Arsine
Number 29	Phosphine
Number 35	Ammonia
Number 36	Boron trifluoride

The materials needed are securely stored, transported and used in accordance with their hazardous properties. Deliveries are made using specially approved vehicles and transport containers. Leak and retention basins equipped with specially coated walls are present at the Villach site in order to protect securely against the unwanted release of liquids, for example in every delivery zone, in every chemical storage area and in the central chemical supply area for production.

We conduct plant-internal transports, for example from the chemical and gas storage facility to the supply facilities for production, under strict security precautions.
Further transport to the production facilities takes place using double-walled pipelines that are monitored by sensors for leak-tightness, among other things. Our production facilities are equipped with extensive safety and emergency shutoff systems activated by the control station, which is manned 24 hours a day and seven days a week. In case of an incident, the necessary emergency procedures can be initiated from the control station in the shortest possible time.

Professional safety management

Working in collaboration with the relevant emergency and rescue services, Infineon has implemented all of the necessary safety and prevention measures required to prevent an on-site accident and, where this is not 100% possible, to limit any effects as much as possible. We monitor all of the key environment-related processes using process control technology and ongoing measurements. This means that we identify any minor deviations from correct operation and other faults at a very early stage.

In addition to the shift personnel, the **Infineon Villach fire department** and the company medical station are also on hand to help remedy any faults or industrial accidents. They are supported by the contingency personnel of various divisions (electronics, mechanics, chemistry). Our plant fire department is composed of more than 130 volunteer members, distributed across six firefighting teams and three full-time employees.

It has four vehicles which are specially equipped and ready to go into action in the shortest possible time. In the event of a serious industrial accident which cannot be remedied using the usual operational procedures, the **Corporate Disaster Prevention Organization (DPO)** is deployed. The crisis management team is specially trained, authorized to issue instructions, constantly available and ready for action via the control station. It supports operations management and can immediately initiate all necessary further measures.

Alarm and hazard prevention plans are in place to limit the effects of industrial accidents outside of the premises. In the event of an incident occurring which could have consequences beyond the borders of our site, we inform the competent authority – the Villach municipal authority – and the emergency services of the Villach fire brigade and Red Cross ambulance services. Information and any possible

evacuation measures for the neighboring community will be issued and implemented by the specified authorities and departments. Any orders issued by the authorities or rescue services must be followed. In the event of a large-scale industrial accident, the official crisis manager for the City of Villach is responsible for coordinating all preventative and protective measures for the public, supported by the operational crisis management organization team.

This coordination between the authorities and the company ensures a targeted collaboration between all of the emergency services involved and therefore a more effective protection against hazards. The authorities' protection plans for Infineon Villach are based on this.

For your safety

Due to its legal status, Infineon Technologies Austria AG at its site in Villach commits itself to the implementation of suitable measures to tackle industrial accidents and limit the effects of such accidents as far as possible at the operating site. Infineon Villach also has a Fire Protection Code in addition to its internal alarm and hazard prevention plan. If an industrial accident occurs despite all these safety precautions, a range of technical and organizational measures is applied to limit its effects:

Quick alerting of the emergency services through
- Manual and automatic fire detection devices
- Automatic gas warning systems
- Internal notification systems
- Leakage warning systems
- External notification systems to alert disaster services such as police, fire departments, Red Cross etc.

Firefighting facilities
- Mobile and stationary fire extinguisher appliances
- Firefighting support from internal firefighting unit and surrounding firefighting services

Facilities to protect soil and groundwater
- Systems for the absorption and correct disposal of water-polluting liquids and waste water
- Retention and collection basins for water used in firefighting

In the event of an industrial accident, the following bodies would be informed:
- Disaster response authorities of the Villach municipal authorities
- Specialist departments of the Carinthian state government
- And if required: fire departments, ambulance, road maintenance unit

In the event of an industrial accident, information will be provided to the local population by the relevant authorities and bodies.

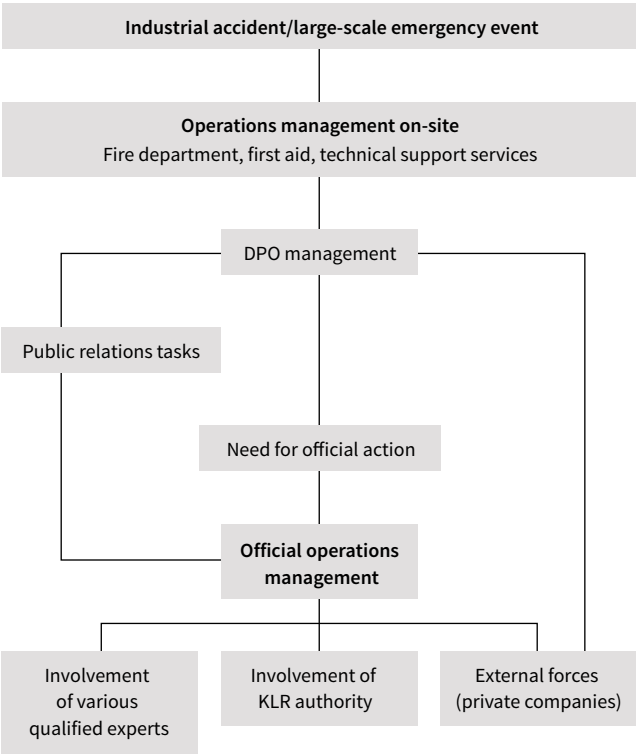
In 1995, a **"General Disaster Protection Alarm Plan"** was drawn up by the Villach municipal council. It establishes the process of alerts in the event of a large-scale event in the municipal area. Constant checks are undertaken in conjunction with the DPO to ensure that this alert plan still functions correctly. Regular contact between the City of Villach's central Disaster Control Operations Management and Infineon DPO ensures protection against any conceivable hazards affecting the area beyond the company premises.

Head of operations	Mayor
Head of division/ central operations management	Official appointed by mayor
Municipal emergency committee	Responsible member of the Villach town senate
	Head of municipal authorities
	Head of construction
	Head of technical operations, Villach fire department
	Departmental manager
	Representatives: – Federal Police Directorate – City Police Commando – Operational Customs Control (if required) – Liaison Officer for District Administration – Other as required (e.g. district chemist) – Staff functions S1–S6

Operational logistics and emergency planning

The operational logistics in the event of a potential large-scale emergency event have already been agreed with the relevant authorities and are tested and optimized with the relevant emergency services during regular emergency exercises.

The internal emergency plan takes into account all particularities of the site, regulates the alerting and the crisis management team's emergency communication with operations management and with the authorities. Based on our internal emergency plan, the City of Villach is preparing the "External Emergency Plan".



Protection in the event of a disaster

The acoustic warning and alarm system, which is uniform throughout Austria, distinguishes between three different signals:

Warning:	3 minute continuous tone  Impending danger! Switch on radio or TV (ORF) and follow instructions given.
Alarm:	1 minute siren of increasing and decreasing intensity  Danger! Seek out protected area or space and follow instructions given over the radio or TV (ORF).
All-clear:	1 minute continuous tone  End of danger! Follow further instructions given over the radio or TV (ORF).

Warning and information
The police will make an announcement over loudspeakers if there is an emergency or accident. Switch on your radio. Information about what to do will be issued via the regional broadcasters:
- ORF Radio Kärnten: 97,8 MHz
- ORF Ö3: 90,4 MHz

The police and fire department will provide information on
- Rules of conduct
- Emergency and rescue services and will issue the all-clear.

The most important rules of conduct

- Seek out an enclosed space!

- Close all doors and windows to ensure that no gases, steam or smoke can enter your house/apartment!

- Keep a wet cloth over your mouth and nose!

- Switch off the ventilation and air-conditioning (main switch), even if you are in your car!

- Call all children into the house/apartment!
  Inform any neighbors and passers-by!
  In the event of an emergency, take in passers-by and help children, the elderly and the disabled.

- Don't try to collect your children from school or kindergarten! They will be looked after there!

- Above all: stay away from the place of the accident!
  Onlookers often hinder the work of the emergency services and put their own health or even lives in danger.

- Follow the instructions given by the fire brigade, police and rescue services at all times!

- Don't block the phone lines of the fire brigade, police and rescue services with endless questions!

- Take note of announcements made over the radio or loudspeaker!
  In this way, you can find out what is happening and receive the all-clear.

- Please contact your doctor or the medical emergency services if you have any health concerns!

Operating data and contact partners at Infineon Villach

Operating site and name of proprietor
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Specific details of the alarm system and off-site measures can be taken from the external emergency plan which is compiled by the relevant authorities. Additional information and insight into the safety report can be obtained from the relevant contacts at the level of the company or authorities.

Good for the environment:
This brochure is printed on CO_2-neutral and FSC, Blue Angel and Ecolabel certified recycled paper made from 100% waste paper.

This brochure is also available at:
www.infineon.com/nachhaltig-austria

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