

# SAFETY CULTURE GUIDELINES



## 1 FIELD OF ACTIVITY

We guarantee professional and safe handling of radioactive materials placed in our care.

---

## 2 ENVIRONMENT AND SAFETY

We protect the environment by reducing resource use and increasing safety through continual improvement measures.

---

## 3 ORGANISATION

We provide the necessary personnel and appropriate resources for the professional and safe execution of tasks.

---

## 4 LEADERSHIP

We allocate competence and responsibility according to the defined tasks.

---

## 5 INITIAL AND CONTINUING TRAINING

We perform tasks after appropriate training and attend continuing training to keep up to speed with new requirements.

---

## 6 MEASURING RESULTS

The measurement of results demonstrates that we are continuously improving safety.

---

### Legal notice

**Published by:** Zwiilag Zwischenlager Würenlingen AG, Industriestrasse Beznau 1, CH-5303 Würenlingen  
This brochure is available in German and French. Further information can be found at [www.zwiilag.ch](http://www.zwiilag.ch).

**Concept/Creation/Project execution:** Megura AG Werbeagentur ASW, Bahnhofstrasse 88, CH-5430 Wettingen

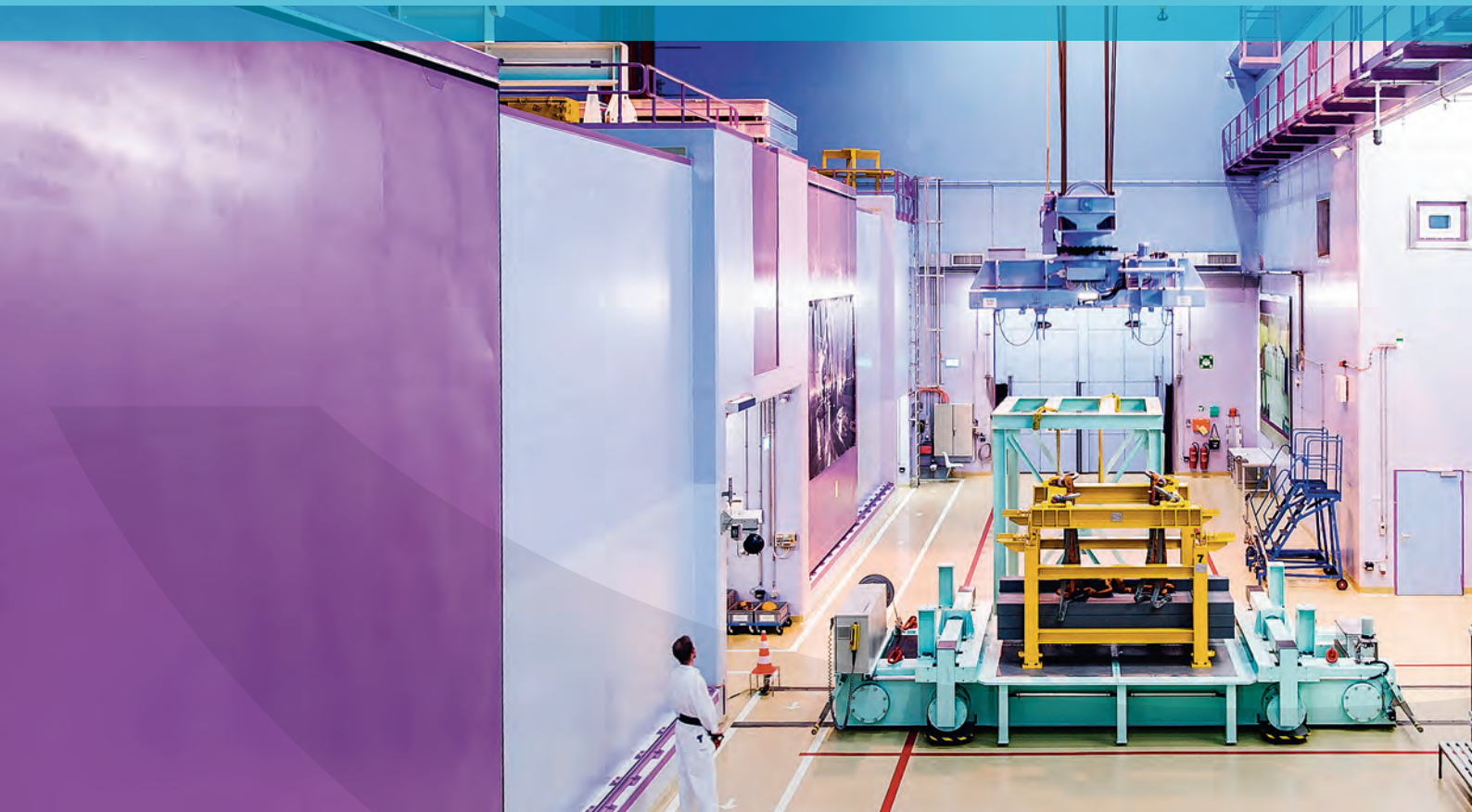
**Printed by:** Druckerei Meier, Wiesenstrasse 20, CH-5303 Würenlingen

# FIELD OF ACTIVITY

We guarantee professional and safe handling of radioactive materials placed in our care.

As the central interim storage facility, we receive all kinds of radioactive waste generated in Switzerland. This comes from the fields of medicine, industry and research, or from nuclear power plants. We treat or condition this waste or place it directly in interim storage.

Our goal is to return the majority of treatable waste to the conventional cycle of materials through consistent quality of operations. The remaining waste is conditioned for final storage and then placed in interim storage. All radioactive waste placed in interim storage is stored and monitored according to high technical and professional standards. This means it can be safely moved to a deep geological repository at the appropriate time.



# ENVIRONMENT AND SAFETY

We protect the environment by reducing resource use and increasing safety through continual improvement measures.



Our high-quality performance protects the environment. Safeguarding the general public, our employees and the environment from any incorrect release of radioactive and toxic substances takes top priority for Zwiilag. This is why safety always takes precedence in all our operations. The following principles help us to achieve these goals.

- **Maintenance, testing and continual improvement**

All our systems and plants undergo preventive maintenance and continuous evaluation to ensure their conservative design. Processes and plants are developed and improved wherever possible and in particular with regard to safety. Our certified quality management system guarantees that the quality of the processes and methods of our operations are verified and continually improved.

- **Errors can occur**

People make errors and technology can fail. But safety still must be ensured.

- **We want to learn from any errors or near-errors**

To make sure that errors are not repeated and near-errors do not develop into errors, these are first analysed and we then take appropriate measures to continually improve safety.

- **Potential errors and potential sources of errors**

Any potential sources of errors and potential errors are examined to develop measures to prevent any re-occurrence.

- **Open information policy**

Zwiilag makes frank and honest information available both within the company and to external parties. Our goal is to ensure that employees, partners and the general public always receive the necessary information at the appropriate time.

# ORGANISATION

We provide the necessary personnel and appropriate resources for the professional and safe execution of tasks.

The Zwilag chief executive officer is responsible for decisions related to safety and for the proper working order of the plant. Operations are managed and installed to ensure adherence to legal requirements. The chief executive officer makes sure that overall operations and different operational units receive the requisite personnel, technical and financial means to perform their tasks and meet their responsibilities.

The Zwilag board of directors ensures that the chief executive officer has adequate personnel, technical and financial means to perform his work and meet his responsibilities.



# LEADERSHIP

We allocate competence and responsibility according to the defined tasks.

All Zwilag employees are responsible for executing their allocated tasks conscientiously and according to safety regulations.

Plant management ensures that employees have the skills and resources needed to execute tasks in their field of responsibility promptly and to the required quality standard. Furthermore an open, non-punitive communications culture is actively endorsed. Errors and near-errors are to be identified, reported and their causes analysed so that measures can be taken to avoid such incidents in future.

The safety culture is particularly shaped by management. Their attitude and conduct in safety-related matters defines them as role models who take on additional responsibility.

Annual safety targets are defined and announced to employees enabling them to measure their performance.



# INITIAL AND CONTINUING TRAINING

We perform tasks after appropriate training and attend continuing training to keep up to speed with new requirements.



Our quality management system continuously checks and improves our operational processes and methods. Our employees play a crucial role. We value them as people, as colleagues and as the decisive factor for the success of our operations. Therefore we place great store on initial and continuing training. All employees have personal skills and qualifications and make a major contribution to safety in their area of responsibility.

- All employees receive specific initial training in their area of responsibility.
- Employees continue to develop their knowledge through continuing internal and external education.

- They attend appropriate training events to broaden their horizons and remain technically up-to-date.
- These skills and qualifications are complemented and developed by operational experience in our own and external plants.

Our plant management actively encourages continuing training as this makes a significant contribution to safety and to improving operations.

# MEASURING RESULTS

The measurement of results demonstrates that we are continuously improving safety.

We want to demonstrate what we have achieved. We record the following data and operational figures to highlight on results:

- Implementation rate of measures resulting from reported deviations and incidents
- Number of suggestions for improvement submitted with resulting measures
- Implementation rate of planned plant improvements and modernisations

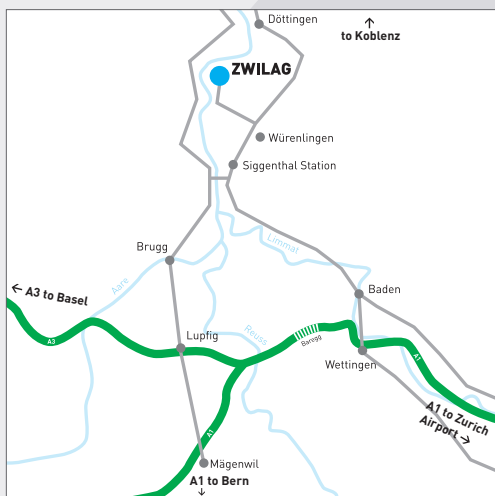
- Initial and continuing training rate

Comparison with past data and data from similar nuclear facilities allows us to monitor our progress and define any necessary measures.





# HOW TO FIND US



Zwilag Zwischenlager Würenlingen AG  
Industriestrasse Beznau 1  
CH-5303 Würenlingen  
Phone +41 (0)56 297 47 11  
Fax +41 (0)56 297 47 22  
info@zwilag.ch  
www.zwilag.ch