



RWE Generation Safety Provisions

**Additional obligations and guidelines
for Contractors**

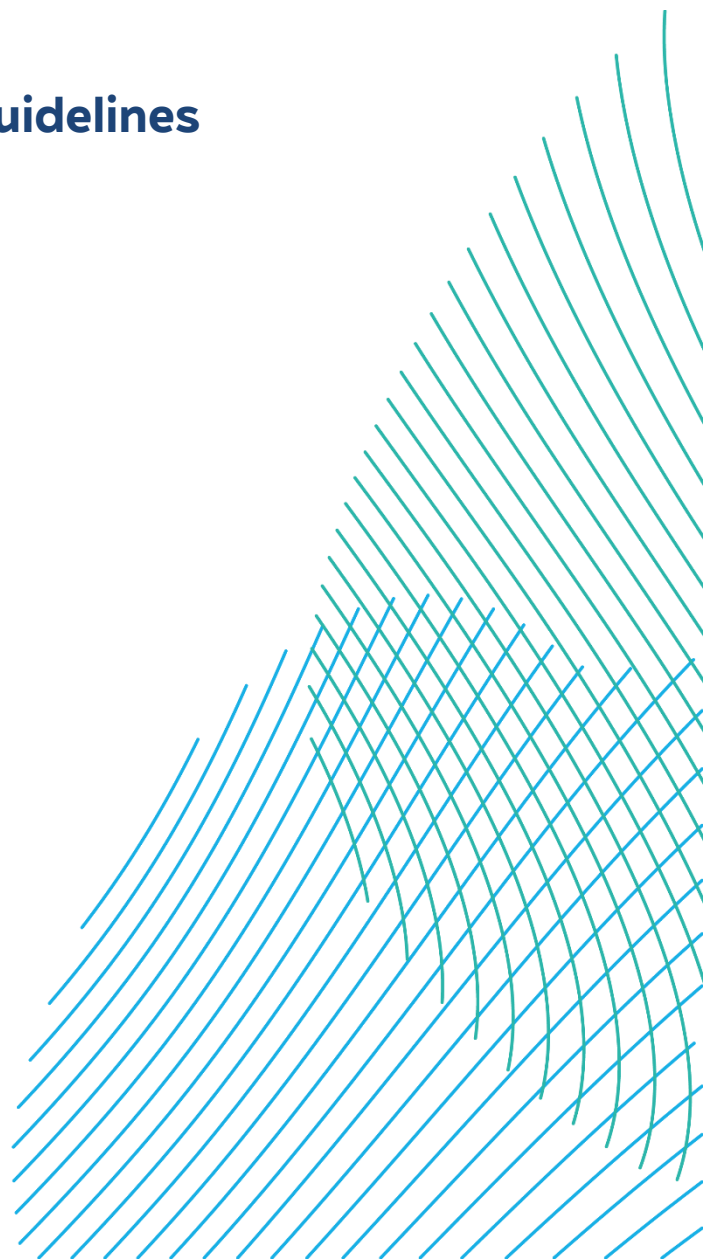
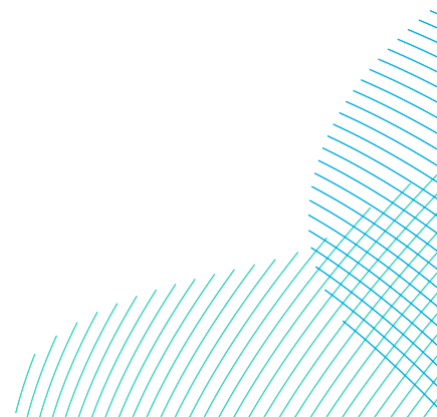


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1. Objective

This Generation Instruction explains the additional Health & Safety requirements for Contractors working on RWE Generation Sites or Premises. They apply in addition to the country related requirements as stated in the **general terms and conditions** for contractors.

Further special requirements may arise from the stations and sites. In case of any questions, please contact the RWE contract manager.

2. Additional Requirements

2.1 Hierarchy of controls

Before work is performed, a risk assessment and a method statement must demonstrate that the hierarchy of controls has been followed and the work equipment and control measures chosen are the **best reasonable possible** options for performing the work safely.

2.2 Last Minute Risk Assessment (LMRA)

In stations and on sites of RWE Generation/RWE Technology International, an LMRA must be completed before work is started. The LMRA must also be reviewed when work is resumed. The template standardised by RWE Generation has to be used for this purpose.

The LMRA is a methodology to check the effectiveness of **risk mitigation at the workplace**. The LMRA card must be completed at the workplace **before commencing work** as part of a **working party discussion**, regarding a **safe working environment**.

The LMRA is prepared by the person responsible for the work. In the case of a contractor, the person in charge of the contractor is responsible for this. During the execution of the (first) LMRA session, an RWE colleague is present. If questions or problems arise during the preparation of an LMRA, the person responsible for the work must contact the supervisor. External companies should contact their designated coordinator.

LMRA does not replace legal obligations such as roles and responsibilities, risk assessments, method statements, induction, etc. The LMRA is completed for all applicable tasks.

2.3 Use of ladders

As a basic rule, it is not permitted to work on ladders. Ladders are only used for exceptions, e.g. access and visual inspections.

Safer work equipment/ procedures than ladders can be (in order of preference), for example:

- Scaffolding;
- Mobile elevating work platform;
- Work platforms (including platform stairs), etc.

Only if absolutely no alternatives are possible and this can be proven by a risk assessment with control measures, a ladder may be used. Mitigating measures should be documented (e.g. work permit, Task Risk Assessment, LMRA)

Ladders must comply with the local/country-specific standards and legislation, for both design and use. They must as a minimum be equipped with a stabiliser or other means that prevent lateral tilting.

2.4 Handling suspended loads

A minimum distance of 2 metres must always be maintained from suspended loads and entry into the danger zone must be avoided at all times. For activities where this is not possible, it is permissible if the protective measures are specified in a risk assessment. Mitigating measures should be documented.

2.5 Technical standard for angle grinders

Before using an angle grinder check if there are any other alternatives (such as a reciprocating saw) for this work. Also make sure that the right grinding wheel/disc for the task is used (cutting through or de-burring). If a hand-held angle grinder is required, RWE Generation has additional technical standards that need to be fulfilled (according EN-IEC 62841-2-3:2021).

The hand-held angle grinder must meet at least the following requirements (mandatory):

- All portable angle grinders must be equipped with a non-lockable dead-man's type safety switch ensuring that when the grip on the tool is released, the electrical power to the tool is automatically disconnected.

- The machine is equipped with a quick-stop function. This means that the grinding wheel brakes quickly as soon as the drive stops.

Further, we strongly recommend the following safety devices for grinders, especially for larger diameters from 180 – 230 mm:

- Restart protection. This ensures that in the event of a power failure or if someone unplugs your power tool, your tool will not automatically restart as soon as the power comes back on.
- Kickback stop. This reduces the danger of sudden machine reactions in case of jamming thanks to automatic machine shutdown.

2.6 Other tools and best practices

Recommendations from lessons learned and incidents:

- Use lanyards for tools and equipment where possible when working at height to prevent objects falling from height.
- Avoid the use of hand impact wrenches and use safer alternatives like torque spanners, hydraulic torque wrenches or pneumatic tools like air impact wrenches.

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