RWE Turcas Güney Elektrik Üretim A.Ş
Denizli Natural Gas Combined Cycle Power Plant

Health and Safety Requirements for Contractors

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1. Purpose

The purpose of this document is to create a control mechanism with a view to avoiding risks arising from certain hazards during contracted work at the power plant of **RWE & Turcas Güney Elektrik Üretim A. Ş.** and to ensure that the Contractor and **RWE & Turcas Güney Elektrik Üretim A.Ş.** (hereinafter RTG) field employees work in a healthy and safe environment by establishing minimum standards for special requirements.
By means of the issues specified in this document, appropriate health and safety information shall be transferred to the contractor regarding the works related to the subject of the Agreement at the **RTG Power Plant**.

This document highlights the most common hazards and dangerous activities encountered during work, the minimum compliance to be enforced by the Contractor. Since the list of hazards and dangerous activities specified in the document includes high-potential occurrences that are frequently encountered in the field and result in accidents or occupational diseases, the document should be read carefully, its applications should be fully put into practice, and it should be remembered that it is an integral part of the agreement. No changes shall be allowed to the rules outlined in this document without the express permission of the responsible manager. The contractor/subcontractor is obliged to fully comply with safe working practices for the field of activity included in this document, which is accepted as an annex to the agreement, and acknowledges and undertakes to implement and adopt the working ways, methods, and rules. Appropriate care must at all times be taken for the health and safety of persons, regardless of the pressure to get the job done quickly.
The contractor's ensuring that the provisions mentioned in this document are complied with shall not remove the contractor's contractual responsibilities and its responsibilities under the applicable legislation.

2. Legal and Contractual Responsibilities

The contractor shall ensure that its employees, service provider employees working on behalf of the contractor, and representatives acting on behalf of the contractor fully comply with all applicable legislation (6331, 5510, 4857, etc. laws, relevant regulations, communiqués, national and international standards). The contractor shall also be in full compliance with the health and safety requirements in internationally approved codes of practice and other defined guidance documents, and ensure that they are maintained.

In addition to their responsibilities specified in all the legislations in force within the scope of the working life of all service provider employees in the field (6331, 5510, 4857 etc. laws, related regulations, communiqués, national

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and international standards), all Contractors and service providers' employees and representatives must also comply with the following issues:

- Contractors and service providers are required to comply with the safety rules being in force in the power plant of RWE & Turcas Güney Elektrik Üretim A.Ş. and the relevant application rules (site and application specific rules).
- Contractors and service providers are required to comply with the local procedures referred to in the OHS-E Management procedure instructions and/or respective agreement at RWE & Turcas Güney Elektrik Üretim A.Ş. power plant (requirements stipulated in the Procedure, agreement, subcontractor's agreement or the requirements stipulated in the Work permit.)

➢ Contractor's Health and Safety Representative

The Contractor shall employ a sufficient number of competent, appropriate, and experienced personnel to monitor the health and safety of its employees affected by contracted work and other field workers throughout the working period of the contracted work at RTG Denizli Natural Gas Combined Cycle Power Plant and to fulfill all legal obligations at the working site in compliance with "Occupational Health and Safety Services Regulation", "Regulation on Duties, Authorities, Responsibilities and Trainings of Workplace Doctors and Other Health Personnel", and "Regulation on Duties, Authorities, Responsibilities and Trainings of Occupational Safety Specialists". The allocation process and method shall be made using the OHS-Clerk system implemented by the Ministry of Labor and Social Security. The Contractor has to appoint OHS Specialist, Workplace Doctor and Other Health Personnel in accordance with the hazard class, based on the SSI registration number.

- Mandatory assignments shall be made through the system by using the subcontractor file to be opened by the contractor under the Workplace in the Provincial Directorate of MoLSS and a copy shall be delivered to the relevant RTG OHS-E department. Service follow-up can be done by the OHS team of the Workplace through the submitted documents, and RTG management reserves the right to impose all kinds of legal sanctions due to insufficient working hours.
- The Contractor, who shall serve as a short-term job, can serve on assignment at the Provincial Directorate of MoLSS without opening a file under the Workplace. In the services to be carried out in the form of assignment, the Contractor shall send the OHS Clerk Contract copy it has made with the current OSGB service it is receiving or the OHS specialist - workplace doctor and the internal assignment letter of the personnel it plans to employ to the Employer.
- The Occupational Safety Specialist and Workplace Doctor of the Contractor shall work at least on the subjects referred to in the "Occupational Health and Safety Services Regulation", "Regulation on Duties, Authorities, Responsibilities and Trainings of Occupational Safety Specialists" and "Regulation on Duties, Authorities, Responsibilities and Trainings of Occupational Safety Specialists" for the Contractor in OHS issues for periods referred to in such Regulations. They shall also coordinate with the Employer and other Contractors on these issues.

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- The information of the occupational safety professional that are planned to be kept shall be forwarded to the RTG OHS-E department, and the contractor shall be able to start working in the work area following the approval of the OHS-E manager. In a possible change, the contractor shall also inform the RTG OHS-E management, and the contractor shall not be able to make any changes without the approval of the OHS-E manager.

3. Health and Safety Aspects of Contract Management

The arrangements for the management of the work undertaken by the Contractor within the scope of health and safety within the RTG Denizli Natural Gas Combined Cycle Power Plant are drawn up in detail within the time period specified in the contract before the field work begins, and mutually agreed upon. The management of RTG Denizli Natural Gas Combined Cycle Power Plant shall follow up the implementation of the health and safety plan prepared in detail by the contractor, and shall ask them to fulfill the responsibilities described in detail. The management of RTG Denizli Natural Gas Combined Cycle Power Plant requires the Contractor to fulfill the commitments set forth in the health and safety policy statement, and to fulfill the responsibilities of the contractor's management and other employees detailed in this statement.

➢ Occupational Health and Safety Plan/Implementation Method

Before the contractor starts working on the site, it shall prepare the contract-specific health and safety plan/implementation method within the date range determined by the RTG Denizli Natural Gas Combined Cycle Power Plant OHS-E Responsible Management and submit it to the OHS-E responsible management. The prepared plan/implementation method should explain in detail how health and safety shall be managed during contract work, and the scope of the plan/implementation method should be appropriate to the nature and complexity of the work to be done. The prepared plan/implementation method should be appropriate and sufficient for any activity/task to be performed on the site by the Contractor or the Contractor's Personnel. In case the Plan / Implementation Method is incomplete or insufficient, the Contractor shall immediately correct it upon the request of the Technical Responsible Management of RTG Denizli Natural Gas Combined Cycle Power Plant. The implementation method studies included in the plan shall be explained by the Contractor in a suitable and comprehensive manner to the Contractor personnel who shall perform the relevant work. All contractor personnel who are informed in this way shall sign a declaration of acceptance to confirm that they understand the relevant implementation method and work. If requested by the RTG Denizli Natural Gas Combined Cycle Power Plant OHS-E Responsible Management, a copy of all acceptance declarations shall be delivered to the OHS-E department by the Contractor.

The outline of the plan prepared should include the following points:

- Organizational arrangements that determine the personnel who shall be primarily responsible for the management of health and safety in the field,
- The contractor shall submit the lists and qualification documents of the personnel who shall work in the field.

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Required Documents for Domestic Personnel:

- Very dangerous work health report (Annex-2 Recruitment / Periodic Examination Form) (Workplace Doctor Summary Report)

  {The Contractor shall ensure that the necessary health examinations are carried out in order to confirm that the Contractor Personnel, who shall carry out risk-bearing activities, have the appropriate health condition to be able to work in these works. It should be stated that one year has not passed since the date of the report, the workplace doctor stamped and signed, the name-family name, signature part of the employee is complete, and it should be stated that the personnel can do the job in the job description.}
- Employment SSI registration (with barcode)

  {SSI document with barcode (verification code) obtained via e-government, showing that the personnel is still working at the workplace where he/she is assigned, should be shared.}
- Criminal record (with barcode)

  {The criminal record document with barcode (verification code) obtained via e-government should be shared}
- Diploma, Mastery or PCC certificate with barcode (verification code) obtained via e-government

  {MNE approved Professional Competence Certificate, Special training certificate if necessary (work at height training certificate, indoor working training certificate, etc.), If special document is required (operator certificate, welder certificate, EKAT certificate, etc.) PCC certificates (E-government) Valid employee documentation related to the relevant duties, if the personnel such as rigger crane operator, forklift operator etc. have additional duties.}

  Note: Personnel without certification shall not be accepted to the site.
- Assignment Letter and Authorization Certificate of the Commissioner

  {The assignment letter should be drawn up so as to include the signatures of the commissioner and the employee. Indication of the assignment period of the personnel and the authorization certificate of the commissioner (if the company official, the list of authorized signatures, if the company employee, the power of attorney) should be shared.}
- Personnel Annual OHS training records

  {One year must not have passed since the training date. Annual OHS training records signed and stamped by the workplace doctor, OHS Specialist and Employer's Representative should be shared.}
- Personnel PPE delivery report given from the company

  {The personal protective test report, which has been delivered in a way that fully meets the requirements of the work to be done, is suitable for the plant site conditions, and includes the signatures of the personnel and the delivering authority, should be shared.}
- Copy of Identity Card

Note: All necessary Personnel, Company, Equipment, and Vehicle documents must be uploaded to the Contractor Management System at http://www.rtg.iova.com.tr and approved by RTG authorized & competent personnel.

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For Personnel Coming from Abroad:

- Passport (Work Permit Section)
  {There should be a section in the passport section stating that you can work in Turkey regarding the job description.}
- Assignment Letter and Authorization Certificate of the Assigner
  {The assignment letter should be drawn up so as to include the signatures of the commissioner and the employee. Indication of the assignment period of the personnel and the authorization certificate of the commissioner (if the company official, the list of authorized signatures, if the company employee, the power of attorney) must be shared.}
- SSI Contract Policy (Social Policy Report)
  {The SSI contract policy of working within the company should be shared.}
- Mandatory (Legal) health insurance (Medical Insurance)
- Personnel PPE delivery report given from the company
  {The personal protective test report, which has been delivered in a way that fully meets the requirements of the work to be done, is suitable for the plant site conditions, and includes the signatures of the personnel and the delivering authority, should be shared.}
- Document showing the diploma, expertise or competence appropriate for the job to be performed by the personnel.
  {Certificate, Special training certificates if required, valid employee Certifications related to roles.}
- Fitness for work health report (Medical Fitness Report)

Note: All necessary Personnel, Company, Equipment, and Vehicle documents must be uploaded to the Contractor Management System at http://www.rtg.iova.com.tr and approved by RTG authorized & competent personnel.

- Regulations for the training of the Contractor, its Personnel, its relevant employees, representatives, visitors in each field and everyone who enters the site on behalf of or under the control of the Contractor to ensure that the OHS requirements are complied with during their stay in the field,
- Appropriate and adequate risk assessment studies regarding all activities/tasks to be performed on site by the Contractor themselves or by the Contractor's Personnel, Regulations for the assessment of risks to health and safety, changes in risk assessments, method statements and controls following possible changes in work plans. regulations,
  {The contractor shall prepare all kinds of risk assessment studies, the risk assessment method used and the prepared assessment documents as stated in the "Occupational Health and Safety Risk Assessment Regulation" and submit them to the plant OHS-E management. In case the risk assessment study is incomplete or insufficient, the contractor shall promptly correct the relevant assessment upon request. All risk assessment studies shall be revised by the Contractor in case of possible changes in the working methods that shall perform the relevant work. The accepted and approved risk assessment shall be appropriately and comprehensively disclosed to contractor personnel.}

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- Details of preventive and protective measures for the control of all foreseeable hazards and dangerous activities that may be encountered during the contractor's work.
  {The hazards shall include those highlighted in the specifications by RTG Denizli Natural Gas Combined Cycle Power Plant and the hazards that may arise due to the contractor's activities in the field. Control measures, on the other hand, shall meet the rules outlined later in this document.}
- Details of general health and safety rules to be followed by RTG Denizli Natural Gas Combined Cycle Power Plant Employees and the contractor,
- Regulations regarding the way and method of communication between the employees and the contractor on matters affecting health and safety within the RTG Denizli Natural Gas Combined Cycle Power Plant site,
  {The contractor shall accept the information in the "Site-Specific Emergency Action Plan", which is prepared in accordance with the provisions of the "Regulation on Emergencies at Workplaces" and presented to the contractor personnel by RTG during the field access training, before all personnel start work and shall pass it on to the staff. It should train the personnel on the subject and make sure that the personnel in the field know the emergency assembly point and are aware of the evacuation plan}.
- Individual implementations to be able to be carried out at the site of RTG Denizli Natural Gas Combined Cycle Power Plant due to the nature of the work and the list of activities in which individual method declarations shall be developed and arrangements for the examination of method declarations to be implemented by the contractor
- Care and Health Services and First Aid regulations,
  {The Contractor shall not allow the use of sufficient maintenance equipment for the number of Contractor Personnel to be on site without the approval of RTG Denizli Natural Gas Combined Cycle Power Plant. *Each Contractor is responsible for providing first aid kits and equipment to their employees. The contractor shall select the field workers among those who have first aid certificate according to the number in the legislation.}*

Risk Assessments and Safe Working Method:

The Contractor shall prepare all kinds of risk assessment studies, the risk assessment method used and the prepared assessment documents as stated in the "Occupational Health and Safety Risk Assessment Regulation" dated 29.12.2012 and numbered 28512 and submit them to the power plant OHS-E management. If the risk assessment study is incomplete or insufficient, the Contractor shall promptly correct the relevant assessment upon request. All risk assessment studies shall be revised by the Contractor in case of possible changes in the working methods that shall perform the relevant work. The accepted and approved risk assessment shall be appropriately and comprehensively disclosed to contractor personnel.

Regarding Risk Assessment, the Contractor shall carry out appropriate and sufficient risk assessment studies regarding all activities/tasks to be performed on site by themselves or by the Contractor's Personnel. If any risk assessment work is incomplete or inadequate, it shall be revised immediately upon request from RTG management. All risk assessment studies shall be explained in an appropriate and comprehensive manner by the Contractor to the contractor personnel who shall perform the relevant

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work. Risk assessment study shall at all times be kept in the workplace open to RTG management inspection.

Method Statements:

Contractors shall prepare an appropriate and sufficient "Method Statement" for any activity/task to be performed on site by themselves or by the Contractor's Personnel. The prepared Method Statement shall be submitted to RTG technical responsible management and OHS-E responsible management. All expenses related to Implementation Method studies shall be borne by the Contractor. If the Implementation Method work is incomplete or inadequate, the Contractor shall promptly correct it upon request and at its own expense. All Implementation Method works shall be explained by the Contractor in a suitable and comprehensive manner to the Contractor personnel who shall perform the relevant work. All Contractor Personnel so informed shall sign a statement of acceptance to confirm their understanding of the relevant Implementation Method work. This statement of acceptance may also accompany the statement with Risk Assessment. In case the RTG management requests, a copy of all acceptance declarations shall be delivered to the relevant RTG management by the Contractor. The Implementation Method work shall at all times be kept in the workplace, open to the control of RTG management.

Cooperation:

Although the Contractor has full responsibility for the health and safety management of its employees, they shall still cooperate with RTG Denizli Natural Gas Combined Cycle Power Plant and other Contractors. The contractor shall cooperate to ensure that the health and safety requirements of the contract specification are met. This cooperation and compliance shall also ensure full compliance with all current legislation on health and safety (regulations, communiqués, national and international standards related to laws such as laws numbered 6331, 5510, 4857).

➢ Safety Detection:

RTG Denizli Natural Gas Combined Cycle Power Plant reserves the right to block the access of the Contractor Personnel who fail to meet the OHS Requirements or refuse to meet them. In the event that any Contractor Personnel is replaced or joined to the team, the Contractor shall first inform the RTG management in writing, at least 3 working days before the expected arrival date of the new personnel.

a) The Contractor shall warn the workplace security supervisor in the field about any potential security threat, such as unauthorized persons, suspicious packages, threats to the safety of persons, goods or property, explosion or environmental pollution risks, and any similar potential security threats that it notices in the field.
b) The Contractor should know that it is strictly forbidden to keep firearms and pistols in the field and he should take precautions in this direction.
c) RWE & Turcas Denizli Natural Gas Combined Cycle Power Plant shall be able to express opinions for each site on the use/control of portable electronic devices (mobile phones with cameras, etc.).

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d) Contractor personnel shall work within the areas defined by the RTG management and also specified in the field briefing.

e) The Contractor is responsible for the safety of all materials, tools and equipment, whether purchased or rented by the Contractor or Contractor Personnel, used within the scope of its duties. All packages, equipment and tools can be searched/audited by RTG.

f) RTG Denizli Natural Gas Combined Cycle Power Plant is not responsible for any loss or theft incidents that affect the Contractor's materials. In the event that the materials/equipment are temporarily provided by RTG for the Contractor to perform the works and these materials/equipment are lost or stolen, the Contractor shall be held liable for the loss/stolen items and shall bear the additional costs arising from the repair/replacement of the materials/equipment.

Professional Competence:

The contractor must ensure that the employees assigned in the field receive the necessary information, instruction, training and supervision in order to perform their duties safely and completely. The trainings should also cover the trainings regarding the requirements of the Occupational Health and Safety Law No. 6331 and the "Regulation on the Procedures and Principles of the Occupational Health and Safety Training of Employees". Due to the fact that RTG Denizli Natural Gas Combined Cycle Power Plant is in the very dangerous class, it should be aware that the personnel who do not have professional competence / are not registered cannot work in the field, and it should choose the personnel who shall prove that they are competent in their job. Documents required from the personnel who shall work in the field, Diplomas given by Higher Education Institutions or abroad suitable for the job they shall perform, PCC documents for professions within the scope of document requirement, Mastery Certificates issued according to the Vocational Education Law No. 3308, special education certificates if necessary (work at height training certificate, indoor working training certificate, etc.), if special documents are required (operator certificate, welder certificate, EKAT certificate, etc.) are the documents that must be certificated.

➢ Site Access Training:

The Contractors must ensure that its Personnel, representatives, visitors and everyone entering the site on behalf of or under the control of the Contractor know the OHS requirements, have received field - visitor training, have the necessary documents signed, and comply with the OHS requirements expressed in the trainings during the execution of the works or during their stay in the field and are responsible for ensuring compliance. No personnel shall be admitted to the RWE & Turcas Denizli Natural Gas Combined Cycle Power Plant site who has not received training and passed the examination after the training.

➢ Incident Reporting:

The Contractor is responsible for immediately notifying the management of RTG Denizli Natural Gas Combined Cycle Power Plant of any injury, illness, near miss, dangerous situation or practice, as well as any loss or damage occurring in the field, including the damages incurred by the Contractor's Personnel.

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The Contractor shall submit the first incident research-investigation report to the RTG OHS-E management within 24 hours, and the written investigation report (Accident/Incident Investigation Report) evaluating the root cause and corrective action within 72 hours at the latest after the incident occurs. This report shall be prepared in the format determined by the RTG-OHS-E management unless otherwise agreed. The contractor has to notify the SGK about the occupational accidents for which a health institution has been visited within 72 hours (three days) and shall also forward the notification information to the HSE management. In addition, it has to report all kinds of work accidents to the law enforcement agency (the police station in the police zone, the gendarmerie station in the gendarmerie zone). If requested by the management of RTG Denizli Natural Gas Combined Cycle Power Plant, the contractor shall ensure that OHS daily / weekly / monthly information reports are prepared and forwarded to the OHS-E management of RTG. Such report shall contain information such as “Near Miss Incidents”, “Loss of Time Accidents”, “Dangerous Movements/Situations”, “Environmental Accidents” and similar information.

➢ Monitoring Audit and Inspection:

RTG Denizli Natural Gas Combined Cycle Power Plant management shall monitor the safety performance throughout the contract period to ensure compliance with the standards set in the contract health and safety plan and method statements. The frequency of monitoring shall depend on the risk profile and the number of people employed. Any deficiencies detected in the management of OHS issues during the monitoring and follow-up of the Contractor shall be promptly resolved. If the management of RTG Denizli Natural Gas Combined Cycle Power Plant detects field practices that endanger human life, serious occupational safety violations that may have environmental effects, and/or an inappropriate situation regarding the course of work, by operating its internal mechanisms, it is authorized to stop the work in accordance with the provisions of the "Regulation on Suspension of Work at Workplaces". The Contractor who caused the nonconformity is responsible for the stopped work and financial loss due to nonconformities.

➢ Occupational Health and Safety Management / Periodic On-the-Job Meeting

Before the contractor starts working on site, a meeting shall be held with the contractor representative and managers regarding the health and safety requirements related to the works undertaken by the contractor under the contract under the supervision of the Management of RTG Denizli Natural Gas Combined Cycle Power Plant. The main topics of the meeting shall consist of the following items:

a) Contractor's Management structure, names and Field Representatives responsible for health and safety.

b) Hazards that may occur on site and requirements for RTG Denizli Natural Gas Combined Cycle Power Plant precautionary procedures and RTG Denizli Natural Gas Combined Cycle Power Plant Safety Rules procedures.

c) Location of scrap and waste disposal points, special requirements, plant procedures and rules, especially regarding the safe disposal of hazardous or hazardous materials.

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d) Measures to be taken by the contractor to protect field workers and service providers who may be affected by the contractor's activities. The rules that shall be discussed in detail about this issue shall be determined clearly.

e) Working conditions and periods (including rest periods) and in case of any change in these conditions and periods, a regular communication system that can be used effectively and smoothly in order to provide an effective and trouble-free revision, and that shall work effectively among everyone.

f) Emergency scenarios including Search and Rescue / Evacuation / First Aid / communication processes.

g) Equipment to be used in the field and to be provided by the contractor (details mentioned above.)

h) Arrangements for the provision and maintenance of outreach facilities.

i) Personal qualification documents of the personnel that the contractor intends to employ in the field (details are mentioned above).

At this meeting, a decision is made and a minute is drawn up. During the continuation of the work, weekly Health and Safety Meetings shall be held and managed by RTG with the participation of one person from all contractor management in the field and the health and safety representative appointed by the contractor. And also, daily coordination meetings shall be held under the chairmanship of RTG and attended by all the contractors, and such meetings shall be recorded in the minutes. The purpose of the meeting shall be to discuss and coordinate all health and safety issues of concern in the field and plan current and future activities to resolve problematic situations and ensure a consistently high standard of health and safety in the field.

➢ Suspension of work (Imminent and life-threatening situations):

RTG Denizli Natural Gas Combined Cycle Power Plant on-site staff (contractor or plant personnel) shall have the authority to stop the work if, in their opinion, it is necessary for health and safety interests. The situation shall be immediately reported to the RTG management, and if the RTG management detects field practices that endanger human life, serious occupational safety violations that may have environmental effects, and/or an inappropriate situation regarding the course of the work, it shall operate its internal mechanisms and grant the authority to stop the work in accordance with the provisions of the "Regulation on Suspension of Work in the Workplaces". The Contractor who caused the nonconformity is responsible for the stopped work and financial loss due to nonconformities.

➢ Warning sign/poster/ Toolbox Talks

In addition to the duties imposed by legal obligations, the Contractor shall clearly limit the dangerous parts within the working areas and place visibly written warning signs in accordance with the work being

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carried out. And it shall also put up the posters published by RTG Denizli Natural Gas Combined Cycle Power Plant in the working areas.

a) RTG Denizli Natural Gas Combined Cycle Power Plant Safety Rules.

b) Health and Safety Requirements for RTG Denizli Natural Gas Combined Cycle Power Plant Contractor.

Before the contractor starts working every day, it shall make daily on-the-job conversations about the health and safety aspects of the work determined according to the work schedule and record it with its signature sheet. All employees shall be allowed to participate in toolbox talks and shall be documented with photographs.

4. General Health and Safety – For Contractors

➢ Surveillance

The contractor shall monitor its own and its subcontractors' safety performance to ensure compliance with standards set out in the contractual health and safety plan and method statements.

The frequency of monitoring shall depend on the risk profile and the number of people employed. All accidents should be investigated to identify root causes and recommend appropriate improvements in control. Details of all incidents, along with relevant investigations and recommendations, shall be communicated to Technical personnel as soon as it is reasonable. For reportable accidents, the Technical Officer shall be invited to participate in the investigation.

The management of RTG Denizli Natural Gas Combined Cycle Power Plant reserves the right to audit all aspects of on-site health and safety management at any time. It is strictly forbidden to work alone in field work.

➢ Work Equipment, Tools and Machinery:

The contractor must ensure that all equipment made available throughout the work is in good condition, maintained in good condition, used safely and/or installed. The contractor must ensure compliance with the requirements of the Occupational Health and Safety Law No. 6331 and the "Regulation on Health and Safety Conditions in the Use of Work Equipment". Accordingly, the Contractor shall ensure that

c) all equipment are suitable for its intended use;

d) the personnel to be employed in accordance with the relevant laws and regulations have a certificate of competence (e.g. forklift driver certificate, rigger pointer certificate, PCC crane operator documents, etc.);

e) all equipment are safe for use, maintained in a safe condition when the controls and tests of their periodic inspections (e.g. forklift periodic maintenance and inspection reports, special lifting equipment test and certification documents, etc.) are carried out in accordance with the necessary legal regulations;

f) all equipment are used only by persons who have the necessary knowledge, instruction and training and certification and who are also specifically authorised to perform this task; and

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g) When using power lines, ensure that a full-ground grounding circuit switch and a residual current relay are always used.

The Contractor is responsible for ensuring this order and ensuring that the Contractor Personnel work in accordance with the rules.

- **Personal Protective Equipment (PPE):**

In accordance with the "Regulation on the Use of Personal Protective Equipment in the Workplaces", the contractor is required to deliver the safety boots / boots, protective helmets, heat-resistant flameproof clothes, protective overalls, jackets with long sleeves, gloves, aprons, clothing that makes employees clearly visible, protective glasses, welding glasses, ear plugs, work at height seat belts and similar personal protective equipment (PPE) or other PPE suitable for the work done to every Contractor personnel during the work to be carried out beforehand and ensure their use, which are determined and requested in the OHS Plan prepared for the work to be performed or the safe working area applications according to the risk analysis to be performed by it in accordance with the legal legislation and any personal protective equipment (PPE) used must bear the CE mark of conformity and the number representing the standard must be used in conjunction with TS EN or EN designation. Every internationally recognized standard other than EN standards (ANSI, ISO, BS, etc.) is subject to RWE & Turcas Denizli Natural Gas Combined Cycle Power Plant HSE Management approval.

It is obligatory to use a minimum reflective vest, long sleeved clothing, steel toe and anti-static work shoes, hard hat and safety glasses on the yellow lines in the field.

The following basic PPE must always be worn in PPE zones and must be supplemented according to tasks and hazards in line with the additional requirements listed.

Outside of PPE zones, the PPE is to be selected based on a risk assessment — the minimum standards defined in this document must be applied to the PPE specified in the risk assessment.

Deviations must be discussed with the RWE contact person and documented with a risk assessment that justifies the exception and specifies alternative measures.

Basic PPE consists of the following components:

- Industrial helmet according to EN 397
  - Bump caps in accordance with EN 812 can be used as an alternative to regular head pro tection if this is determined by a properly conducted risk assessment approved in the work permit (e.g. for confined spaces).
- Class S3 ankle-high safety shoes in accordance with ISO 20345
- Work clothing – see Table 2
  - Weather and other environmental influences must be taken into account when selecting protective clothing.
  - Clothing worn over the protective suit must meet the same protection requirements.

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- Dangerous items such as scarves, ties, jewellery or ID cards must not hang loose outside work clothing. Jewellery must not be worn on the wrists, neck or fingers. Rings may be taped if they cannot be removed.

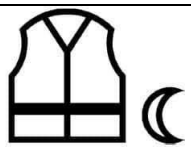
➢ Safety glasses – according to EN 166/EN ISO 16321-1

- Safety glasses with tinted lenses are only permitted outside buildings if there is sufficient day-light.
- Close-fitting or with side protection

In addition, all persons are **obliged to carry;**

- Hearing protection according to EN 352 if required by the risk assessment for the work or if entering designated noisy areas cannot be ruled out.
- Gloves according to EN 21420 with certified protection against the hazards that occur during work in accordance with the contractor's risk assessment.

Table 2 Basic PPE requirements for protective clothing

	 EN 137353 Class 2 High viz	 EN ISO 11612 EN 11612 Flame-resistant
	M	**I**

M – Mandatory – either incorporated in the protective clothing or as vest above the protective clothing

I - Within the PPE zones in production buildings of thermal power plants (gas, biomass, hydrogen) or starting with the commissioning of the plants.

➢ Special PPE requirements

Task-related requirements for the following activities can be found in Appendix 1.

- Mechanical activities
- Landscaping activities
- Electrical work
- Hot work incl. cutting work
- Work in ATEX zones
- Work with hazardous substances (liquids, particles, gases, solids)

Furthermore, the following requirements must be taken into account:

Respiratory protection

- When using respiratory protection, facial hair/piercings or scars must not affect the tightness.
- A fit test must be carried out before entering the hazardous area/starting work.

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PPE against falls from a height

	• Safety and restraint harness according to EN 358/361
	• Other material according to EN 355 (energy absorbers), EN 358 (lanyards and positioning devices), EN 353 (guided-type fall arresters), descenders (EN 341)
	  ○ Generally, triple self-locking carabiners (e.g. TriLock carabiners) must be used on the PPE against falls (e.g. on the fixed side of the safety harness).
	  ○ If one-handed operation is necessary (e.g. on the loose side of the safety harness), double self-locking carabiners (e.g. Fuji carabiners, twistlock carabiners) are permitted.
	• A chin strap is required with the head protection used when wearing PPE from alls.
	• The PPE used must enable the persons to be rescued on the basis of the procedure defined in the rescue plan This must be drawn up by the contractor for the activity and discussed with RWE.

Lifejackets

	
 EN ISO 12402-2 EN 399 Pers. flotation devices Part 2: Lifejackets, performance level 275	• Lifejackets according to EN 399/EN ISO 12402-2 with min. 275N buoyancy

Appendix 1

- Basic PPE = the basic PPE requirements must be met
- RA = can be supplemented as necessary in accordance with the risk assessment

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Mechanical work

					
Basic PPE	Basic PPE	Basic PPE	Protective gloves against mechanical risks in acc. with EN 388 At least level 4 (old) or D (new) cut resistance, incl. the back of the hand In case of risk of impact: glove with marking	Basic PPE	RA

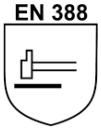
Electrical work

					
In consultation with the person responsible for electrical systems  EN 61482 Arc protection EN ISO 11612  EN 11612 Flame-resistant	For switching operations on high-voltage installations: eye protection against arc flashes in acc. with IEC 62819	In consultation with the person respon sible for electrical systems Insulating helmets in acc. with EN 50365	In consultation with the person responsible for electrical systems EN 407  EN 388  EN 388 and EN 407 Protective gloves against mechanical and thermal risks	Basic PPE	RA

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Work with hazardous substances (liquids/gases/dusts/solids)

					
Protection against chemicals in acc. with EN 13034 EN 13034 	Basic PPE Goggles or a face shield should be used as a priority With the abbrevia tion 3 (liquids) or 5 (gases and parti cles	Basic PPE	Protective gloves against mechanical and chemical risks in acc. with EN 388 and EN 374 Suitable for the substance acc. to the safety data sheet EN 374  EN 388 	In acc. with EN 20345 Suitable for the substance acc. to the safety data sheet	Suitable respiratory protection acc. to the safety data sheet in acc. with EN 149 (half masks with particle filter), EN 12941/12942 (powered air-puri fying filters) or EN 14387 (gas/ combination filters)
In case of direct contact with chem icals or when working with liquid jets: suit in acc. with EN 17491-3					

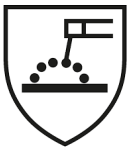
Landscaping activities

					
For work with chainsaws acc. to EN 381-7 Class 3	Mesh visors for mowing and chainsaw work in acc. with EN 1731/ EN ISO 16321-3	Basic PPE	Protective gloves against mechanical risks in acc. with EN 388 At least level 4 (old) or D (new) cut resistance, incl. the back of the hand In case of risk of impact: glove with marking	For work with chainsaws acc. to EN ISO 17249 Chainsaw cut resistance 	RA

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Hot work incl. cutting work

					
 EN 11612 Flame-resistant  EN ISO 11611 Sparks/liquid metal	For work with angle grinders EN 166 or EN ISO 16321-1 Based on risk either a combination of safety goggles and face shield or tight fitting safety goggles must be use	Basic PPE	  EN 388 and EN 40 or EN 12477 Protective gloves against mechanical and thermal risks	Basic PPE	If hazardous vapours or particles are released while cutting or welding, use a suitable filter system: EN 149 (half masks with particle filter), EN 12941/12942 (powered air-purify ing filters) or EN 14387 (gas/combinati on filters)
	Welding work requires suitable eye/face protection for the welding process: EN 166, EN 169, EN 170 (UV radiation), EN 171 (IR radiation) or EN ISO 16321-1 and EN ISO 16321-2 Eye protection for use in welding and allied processes				

Work in ATEX zones

					
 Antistatic clothing	Basic PPE	Basic PPE	EN 388 and EN 1149 Protective gloves against mechanical risks and with anti static properties	 EN 61340-5-1 Antistatic properties	RA

➢ Cleaning-Order:

The contractor shall ensure that the work area is clean and free of debris. Work areas shall be cleaned daily. All kinds of waste removal processes of the work areas belong to the Contractor. All equipment, materials and tools must be maintained in an orderly manner. Access to emergency equipment, exits, telephones and safety showers, eye wash showers, fire extinguishers, fire hoses and similar equipment should not be obstructed, interrupted, limited or delayed. While planning the work in the field, the approval

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of the relevant RTG Denizli Natural Gas Combined Cycle Power Plant Management should be obtained for these important issues. The contractor shall plan and perform the work in such a way as to control and minimize the generation and transmission of noise, dust and debris in nearby work areas.

➢ Environment:

The Contractor shall ensure that measures are taken at all times to avoid polluting the atmosphere, soil or waters. The contractor shall also be familiar with the actions required to control spills and releases to the atmosphere. RWE & Turcas Denizli Natural Gas Combined Cycle Power Plant HSE Management shall be promptly informed about environmental pollution risks and any similar potential security threats.

➢ Site Access Card:

Site access ID card is given to the contractor personnel accepted to the RTG Denizli Natural Gas Combined Cycle Power Plant facility. All employees, contractor personnel, visitors, service providers shall be able to enter and exit the site by swiping their field access ID card through the turnstiles. This is important in order to fully identify on-site personnel in emergency situations. It is not possible to enter and exit the facility except for the specified method.

➢ On-site behavior:

Contractor personnel admitted to the RTG Denizli Natural Gas Combined Cycle Power Plant facility shall behave neatly and safely in the field. The Contractor's primary priority is to comply with OHS and Environmental requirements. It is forbidden to possess or use alcohol or drugs, to fight, to show aggression, to gamble, to lobby, to steal, to engage in any other immoral or undesirable behavior, to violate occupational safety rules. In case such behavior is detected, the facility management of RTG Denizli Natural Gas Combined Cycle Power Plant shall have the right to ward off the relevant person from the Site and to take any other measures it deems necessary and appropriate.

➢ Removal of people or materials from the site for OHS reasons:

The management of RTG Denizli Natural Gas Combined Cycle Power Plant is authorized to request the contractor to remove any person and/or material or equipment that it considers to be unsafe or not in compliance with OHS requirements. Such a person and/or material or equipment cannot return to the field without the written consent of RTG management. With respect to any person who exhibits dangerous behavior or allows dangerous behavior to be performed by a person under their supervision within the framework of Workplace practices, the following are applied:

a) In the first detection of non-compliance, the relevant person is warned verbally within the knowledge of the most responsible personnel of the Contractor, the warning is recorded and the work of the personnel that day is terminated.
b) In the second repetition of the same non-compliance, a written warning is given and notified to both the most responsible personnel of the Contractor and the personnel who committed the non-compliance, and the work of the personnel on that day is terminated.
c) In the third recurrence of the same non-compliance, RTG management records the non-compliance in writing and requests and carries out the situation that caused the non-compliance

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to the most responsible personnel of the Contractor and the removal of the personnel from the site based on the previous minutes.

RTG management is authorized to take all necessary and appropriate measures, including the immediate removal of any person, material or Contractor from the site, in order to prevent any violations against applicable OHS requirements and to ensure that OHS requirements are fully implemented.

5. On-site Works

- ✓ The Contractor shall carry out appropriate and sufficient risk assessment studies for any activity/task to be performed on the site by themselves or by the Contractor's Personnel. The Contractor shall prepare all kinds of risk assessment studies, the risk assessment method used and the prepared assessment documents as stated in the "Occupational Health and Safety Risk Assessment Regulation" and submit them to the RTG OHS-E management. If any risk assessment work is incomplete or inadequate, the Contractor shall promptly correct the assessment upon request. All risk assessment studies shall be explained in an appropriate and comprehensive manner by the Contractor to the Contractor personnel who shall perform the relevant work. All Contractor Personnel so informed shall sign a statement of acceptance to confirm their understanding of the relevant risk assessment work.
- ✓ The Contractor shall prepare an appropriate and sufficient "Implementation Method" for any activity/task to be performed on the site by themselves or by the Contractor's Personnel. The prepared implementation method shall be submitted to the RTG management. If the Implementation Method work is incomplete or insufficient, the Contractor shall correct it at the request of the RTG management. All Implementation Method works shall be explained by the Contractor in a suitable and comprehensive manner to the Contractor personnel who shall perform the relevant work. All Contractor Personnel so informed shall sign a statement of acceptance to confirm their understanding of the relevant Implementation Method work.

- ✓ In stations and on sites of RTG, an LMRA must be completed before work is started. The LMRA must also be reviewed when work is resumed. The template standardized 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 RTG 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.

6. Last Minute Risk Assessment (LMRA)

An LMRA must be carried out at RTG site before work can commence. The LMRA must be checked when work is resumed. The template standardised by RWE Generation must be used for this purpose.

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The LMRA checks how effective risk mitigation is in the workplace. It is completed at the workplace before starting work, as part of a discussion within a work group to ensure a safe working environment.
The LMRA is created by the person responsible for the work, together with their work group. Depending on experience with implementation, RTG will decide whether an RTG colleague should be present at the (first) LMRA meeting before the start of an assignment. If questions or problems arise when creating an LMRA, the person responsible for the work (permit holder, AvO) must contact their line manager or the RWE coordinator. External companies should contact the RWE coordinator responsible for them.
The LMRA does not replace legal obligations such as roles and responsibilities, risk assessments, method statement, induction, etc.

7. Manual Handling

In cases where it is unavoidable to transport the cargo by hand, the Contractor shall ensure that appropriate methods are used to reduce the risks arising from manual transport, taking into account the issues in the "Manual Transport Works Regulation", and make or have the necessary arrangements made.

8. Emergencies:

The Contractor shall ensure that all Contractor Personnel are aware of the "Site-Specific Emergency Action Plan" and the emergency collection points and evacuation plan prior to commencing work, and shall ensure that personnel working on site have full and unrestricted access to emergency exits, fire extinguishing equipment and emergency vehicles. The contractor shall provide their own fire extinguishers for protection against hazards on site. The Contractor's fire extinguishers shall be checked in accordance with the "Regulation on Health and Safety Conditions in the Use of Work Equipment" and shall be recorded to the RTG OHS-O management. Periodic maintenance will also be visually inspected and documented by the Contractor once a month. The contractor shall not modify fire prevention/protection systems without the approval of RTG OHS management. Only licensed/qualified contractors will be able to work on fire systems.

9. Limitations and Markings

The floor spaces, stairwells and corridors and channels where there is a risk of someone falling or falling from any height shall be closed with barricades and illuminated when necessary in the area where contractor performs duty. Fixed barricades should be used in locations where there is a risk of injury from falling. Barricades should also be used to prevent personnel from entering areas where the risk of injury is high. Such barricades should contain a clear visual warning. The barricade should not prevent the employees from escaping from the place where the barricades are set up and the areas close to it in case of danger.

10. Scaffolding and Safe Access Tools

Where necessary, scaffolding shall be established and inspected as specified in the "Occupational Health and Safety Regulation in Construction Works". All scaffolds shall be inspected by a qualified EKIPNET

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certified person and shall be clearly labeled regularly (every day and immediately after any changes) before and after use. The abutments and supports of the scaffolds shall be healthy, rigid and capable of carrying the targeted maximum load without the need for placement or displacement. The scaffolding installation shall only be carried out by PCC certified Contractor Personnel who have received training in scaffolding, inspected by Contractor Personnel trained in scaffolding control at the level of senior inspector/foreman, and shall be inspected with checklists and marked with a label if appropriate. Scaffolds that are determined to be structurally unsuitable by checklists shall be marked with a red label, their use shall be prevented by strip or field curtain and their deficiencies shall be completed by the scaffolding installation personnel. A second audit shall be carried out following completion and, if appropriate, marked with a green label. Otherwise the above cycle shall be followed. Railings and skirting boards shall be installed on all open sides and ends of scaffolding platforms. Scaffolding shall have ladders or similar safe access equipment. Contractor Personnel shall not climb or work on scaffolding handrails, center bars or anchors. During the moving of the portable scaffolds, the Contractor Personnel shall not be on it. The Contractor is responsible for ensuring this order and ensuring that the Contractor Personnel works in accordance with the rules. All scaffolding structures must bear an appropriate notice bearing the scaffold identification number, the secure working load of their platform, the signature of the scaffolding inspector, and a clear indication of the safe access period of seven days. Incomplete scaffoldings should have a 'No Access, Scaffolding Missing' warning. No one except the appropriate scaffoldings authority can change the scaffolding under any circumstances. For short-term work at height and when it has been shown that the provision of a complete scaffold is not reasonably practicable, appropriate fall arrest protection shall be used. According to the instruction from RWE headquarters:

Ladders can now only be used as access devices such as scaffolding platforms or for inspection & inspection jobs where 3 contact points can be maintained at all times.

Working on stairs or stair steps is not permitted. In addition, structures and tools should not be climbed without a fall arrester.

11. Use of ladders

Working on ladders is generally not permitted. Ladders are only used in exceptional cases, for example for access and visual inspections.

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

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

A ladder may only be used if alternatives are definitely impossible and this can be proven by a risk assessment incl. safety measures. Protective measures should be documented (e.g. work permit, task risk assessment, LMRA).

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Ladders must comply with local/country-specific standards and legislation in terms of both design and use. As a minimum, they must be fitted with a stabiliser or other means to prevent them from tipping sideways.

12. Platforms for Working at Height:

All machines shall be accepted, inspected and used as defined in the "Regulation on Health and Safety Conditions in the Use of Work Equipment". The Contractor is responsible for ensuring this order and ensuring that the Contractor's Personnel work in accordance with the rules. Working at Height Work Platforms shall be used in accordance with the applicable legislation and site specific requirements of the Workplace. All Contractor Personnel working on Work at Height Platforms shall be trained and certified in accordance with the risks of the job. Climbing the balusters, middle belts and links is prohibited. The Contractor is responsible for ensuring this order and ensuring that the Contractor's Personnel work in accordance with the rules.

13. Lifting Works:

All lifting equipment/machines, parts and slings are under the responsibility of the Contractor and shall be evaluated within the scope of the "Regulation on Health and Safety Conditions in the Use of Work Equipment". RTG Management reserves the right to prevent the use of the material it deems unsuitable by carrying out the necessary inspections and to remove it from the field. 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.

14. Cranes and Lifting Equipment:

Contractors shall operate and maintain their cranes and lifting equipment in accordance with the manufacturer's terms and limitations of use, legal requirements and site-specific requirements of the Workplace. All kinds of cranes and lifting equipment arriving at the site shall be inspected by RTG Management before they are put into use. The cranes shall be used by the Contractor Personnel/operator who has the necessary license and operator certificate. Cranes and all lifting apparatus must have been inspected by an authorized third party and must have safety working loads (SWL) specified certificates and load diagrams. It is not possible to use cranes and lifting apparatuses that do not have these certificates in the field. Cranes and lifting apparatuses shall be controlled by the operator with the help of checklists every day before the start of work. The slinging operation shall be carried out only by trained and certified Contractor Personnel/slinger and an assistant may be assigned. The guide rope shall only be used for guiding the load and it shall be stated in the toolbox training that it is not a lifting device. The crane operator shall only receive directional signals from trained pointer personnel. It is the Contractor's responsibility to provide the necessary equipment in order to ensure communication in adverse situations such as noise – viewing angle, etc. The contractor shall record the

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wind speed measurements. As soon as the wind speed exceeds 36 km/h, their operation shall be stopped.

- **Lifting Equipment and Parts:** All lifting equipment/parts such as slings, chains, nets, chain hoists, trifor, cranes, hoists, etc. shall be certified with safe working loads, and there shall be a visible identification number on the equipment/part and it shall be inspected before each use in accordance with legal requirements and workplace requirements, and the controls of the lifting equipment that require periodic control shall be made by authorized institutions and the control report shall be allowed to be used after the approval of the RTG management. Damaged equipment/parts shall be labeled "Out of Use" and removed from the site immediately. Ropes shall only be used as guiding ropes, other than that their use is prohibited.
- **Lifting Plans:** Lifting plans shall be prepared by the contractor in line with the requirements of the job in line with the request of the RTG management and shall be submitted to the approval of the RTG management.

15. Working at Height:

Every work specified as defined in the "Regulation on Occupational Health and Safety in Construction Works" shall be considered as work at height. Contractors shall provide their personnel working at heights with the use of fall arrest systems and personnel defined in the regulation and shall only provide fall protection when fall prevention is not practicable.

- Fall Arrest System
- Fall arrest systems (e.g. Fixed guardrails, scaffolding, high-altitude work platforms) should provide protection for flanked areas, including open ground clearances.
- Fall Protection Systems. The contractor must ensure that the following are implemented when fall protection systems are used:
- Collective fall protection systems shall be implemented instead of individual ones,
- Only approved parachute type safety belt and double shock absorbing rope shall be used,
- In case the Contractor Personnel falls while using the system, a rescue plan shall be prepared in advance for the immediate rescue of the Contractor Personnel,
- Support points shall be at waist level or higher and at least sufficient to support the attached weight,
- Rope systems must be approved by RTG management before being used in the field. The Contractor is responsible for ensuring this order and ensuring that the Contractor's Personnel work in accordance with the rules.
- 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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16. Confined and Restricted Areas subject to Permission for Entry:

The Contractor must obtain a Closed Area Work Permit from the Workplace before starting work in the "Confined Area Subject to Permission". This permit defines mandatory requirements before, during, and after indoor work. The Contractor should pay attention to the following as a minimum, but not limited to the following:

- Entrances to restricted areas should be marked with nearby signs and kept closed.
- The gas measuring equipment working in the restricted area should be calibrated and kept in working condition, and it should ensure that the air quality is measured and monitored.
- Emergency measures should be complete, emergency rescue plan should be ready, shared with RTG OHS-E management and approved.
- Personnel who shall work indoors should be specially trained and recorded.
- Confined area watchman should be specially trained and recorded.
- The watchman should contact the workers in the restricted area every five minutes, record the gas rates and ensure that the air quality is measured correctly. He should know very well how to communicate with the IGU professional when he sees a dangerous situation.
- Detailed records of people entering and leaving the restricted area should be kept in closed area studies.
- The equipment features to be used by indoor workers should be selected according to the risks of the restricted area where the work shall be done.
- Contractor Personnel who have not been trained to work in Closed Areas Subject to Permission should not be allowed to work in the designated area.
- The Contractor should provide all necessary equipment and support personnel to those who need to enter the Permitted Closed Area.
- The Contractor shall make sure that the precautions in the "Occupational Health and Safety Guide for Indoor Work" prepared by the MoLSS are taken with reference to all these.

17. Hot Works:

Before any hot work (welding, cutting, hot insulation, grinding, open flame work), a procedure regarding hot works shall be taken from the RTG management and work shall be carried out according to the requirements of the procedure. Contractors shall include a fire risk assessment as part of their overall risk assessment. The contractor should have suitable fire extinguishing equipment available in such a way that the fire blanket is accessible. Objects to be welded, cut or heated shall be taken to the designated safe areas, or if they cannot be taken quickly, all portable and fire-hazardous items in the vicinity shall be moved to a safe place, and curtains shall be made with a fire blanket. In case of Contractor Personnel working around or under the hot works, all precautions shall be taken.

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 deburring). If a hand-held angle grinder is required, RTG has additional technical standards that need to be fulfilled (according EN-IEC 62841-2-3:2021).

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

- ✓ The tool must be equipped with a non-locking dead man's switch that automatically interrupts the power supply when the operator releases the handle/switch.
- ✓ A quick stop function must be provided to stop the disc rotation quickly when the operation is interrupted.

In addition, we urgently recommend that the following safety features be provided, in particular for

- ✓ Grinders/sanders with a disc diameter of 180mm to 230mm:Restart protection to prevent automatic restart after a power interruption.
- ✓ Kickback stop that switches the tool off in the event of the disc becoming jammed to protect the operator from sudden, unpredictable movements of the tool.

All hand-held grinders/sanders must be used in accordance with the manufacturer's instructions and the site-specific measures documented in the LMRA, the risk assessment or the work permit

Table 1 Comparison of RWE requirements with normative requirements

GEN_INS_6201 requirement	EN-IEC 62841-2-3:2021 requirement
Dead man's switch	Chapter 21.18.1.1
Quick stop function	Chapter 18 (Table 4 Performance levels) 'Provide desired switch-off'
Restart protection	Chapter 21.18.1.1
Kickback stop	Chapter 8.14.1.101.3: Kickback and related warnings Chapter 18.3: Control of rotational forces

Use wheel guards closed on both sides for disconnecting.
According to Appendix 1, face and eye protection in accordance with EN 166/EN ISO 16321-1 must be used instead of simple safety glasses

➢ Gas Welding or Combustion

The type of gas to be used should be agreed with the Technical Responsible Maintenance engineer before starting work. Extraction hoses must be positioned in such a way that they do not pose a hazard and, where necessary, physically protected. Gas cylinders must be equipped with suitable backflow preventers. Gas cylinder valve switches shall be available in the cylinder to ensure rapid closing of the valve in case of fire. Gas cylinders should be stored in a suitable compound while in use and when not in use, for example, at least 6 meters away from any source of flammable material.
Gas cylinders and hoses shall be removed from any enclosed space at the end of each operating period or when not in use, to prevent the build-up of any gas escaping from a leak. Where reasonably

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practicable, the amount of gas taken shall be limited to what is sufficient for the job or working time. Welding equipment must be isolated at the end of each working period.

➢ Using Arc Welding Equipment

Indoor welding jobs require the use of zonal suction ventilation (ZSV). Respiratory Protective Equipment (SKE) is also required if the ZSV is unable to control the smoke capture. This requires the use of SKE in the outdoor source, general ventilation does not provide the necessary control. A sufficient number of fixed screens shall be provided to protect persons from exposure to electric arc flash. Welding rods and used rod ends should be kept in suitable containers and removed at the end of each working period. When inert gas shielding is used in the welding process, the contractor shall ensure adequate ventilation to eliminate the risk of suffocation from inert gas.

All leads, including the lead sockets, must be watertight. Special sockets of the type approved by RTG must be used. Bolted or bent, taped or untaped connections are not accepted.

Welding equipment shall be isolated when not in use.

18. Working with Compressed Gas Cylinders:

- The Contractor shall submit the documents to the RTG management that the cylinders it commissioned are in accordance with the 'Communiqué on the Procedures and Principles of Filling and Periodic Inspection of Tubes and Tube Bundles (Communiqué No: Sgm-2018/7)' published in the Official Gazette dated 02/06/2018 and number 30439.
- The Contractor shall ensure that the gas cylinders transport operations are carried out according to the TS ISO 11625 Gas cylinders - Safe transport and use standard.
- The type of gas to be used in the plant should be decided with the RTG management before starting the work.
- Hoses should be positioned in such a way that they do not cause danger and should be physically protected when necessary.
- Gas cylinders should be equipped with flashback holders within the scope of current standards.
- Hoses and piping systems shall be checked regularly for cracks and leaks. Particular attention shall be paid to possible leaks during the assembly phase.
- Hoses shall not be worked while they are wrapped, and the hoses shall be checked for cracks, leaks and rot before using them.
- Hoses shall be protected from heat, oil (grease etc.) and physical damage.
- Gas cylinders shall be in the storage area, disconnected when not in use, closed, insulated, upright, connected and protected from sunlight.

19. Asbestos

Asbestos can be found in buildings and insulation materials. The presence of asbestos should be identified as part of the contracting process. However, if a contractor has a concern about asbestos, for example when working with ceiling tiles or other insulation materials, these concerns should be reported

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to the Technical Officer engineer before starting any work.

Licensed Contractor shall comply with all Regulations, Approved Codes of Practice and Guidance regarding working with asbestos. “Regulation on Health and Safety Precautions in Working with Asbestos”.

➢ Other Asbestos Products

Dismantling, demolition, repair, maintenance and removal of asbestos-containing materials other than asbestos thermal insulation and sprayed coatings shall comply with the relevant legal requirements and the relevant guide.

20. Thermal Insulation

Thermal insulation may contain asbestos or machine-made mineral fiber (MMMF) types. Only licensed asbestos contractors may work with asbestos, including removing asbestos or working within the confines of a controlled area. Where the insulation material is of synthetic origin, for example MMMF, the contractor shall discuss with RTG Management the methods of working with that material before any deterioration occurs in the material.

21. Chromium (VI)

Yellowish deposits containing Chromium (VI) compounds are likely to be found in equipment with high operating temperatures, such as gas turbines, waste heat boilers, and steam turbine parts. When the contractor encounters the suspicion of Chromium (VI) during their work in these areas, the contractor personnel should know that Chromium (VI) is carcinogenic and skin or eye contact should be avoided. In a possible suspicious situation during the works at the power plant, it is necessary to inform the RTG Management directly and to limit the area and prevent entry and exit to the area. RTG Management has taken control measures to manage the risks associated with Chromium (VI), but if the Contractor's work area may interact with Chromium (VI), the contractor shall be notified by RTG Management. The contractor shall include Chromium (VI) in the risk assessment and take control measures to minimize exposure in the work plan. After the approval of the work plan and method given to the RTG Management, the contractor shall be able to work in this area.

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22. Working Hours:

RTG Management is aware of the potential hazards arising from tiredness in the workplace. Lack of adequate rest can lead to potentially serious attention deficits that can lead to erroneous decision making, misunderstandings, misperceptions, wrong priorities, or wrong actions by those affected. For this reason, the Contractor shall arrange working, rest periods, shift work in accordance with Labor Law No. 4857, relevant regulations and communiqués. The Contractor shall give all its personnel at least 24 hours of uninterrupted rest (week break) within a seven-day period, shall not exceed the weekly working hours specified in the law and related regulation communiqués, and shall arrange personnel shifts in accordance with the principles of the shift working system.

23. High Voltage Enclosures

Long ladders, cranes, work platforms, etc. should not be used or transported near high-voltage electrical conductors without consulting or obtaining the approval of the RTG technical responsible engineer and RTG OHS-E responsible manager. In areas with exposed high voltage conductors, metal tape measures should be used when RTG management has given written permission. Metal reinforced tape measure should never be used.

24. Noise

The Contractor shall comply with the requirements of the “Regulation on Protection of Employees from Risks Related to Noise”. All contractor's employees and subcontractors shall comply with RTG requirements for the provision and use of appropriate hearing protection in designated hearing protection zones. The Contractor shall notify the RTG responsible Maintenance or Operations engineer before bringing any equipment to the site that is likely to significantly increase overall site noise levels. In this case, an appropriate risk assessment shall be carried out, additional control measures shall be defined and implemented.

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25. Radiographic (X-Ray) Non-Destructive Testing

No ionizing radiation source shall be brought to the RTG Denizli Natural Gas Combined Cycle Power Plant facility without the knowledge and permission of the RTG Management. The planning of working with the ionizing radiation source shall be done together with the RTG Management, and the working hours shall be adjusted according to the human load in the facility. The contractor company shall share with RTG Management the competency certifications of the personnel to be employed in the field, the 'Radiation protection in industrial radiography' training participation certificates, the documents regarding the follow-up of the dosimeter, the plan and methods of the work to be carried out at the facility, and the risk analysis. The Contractor shall comply with the Safe Use of Ionizing Radiation guidelines. RTG Management shall allow Contractor NDT operators to work on site if they have the necessary obstructions, signs and warning systems and emergency equipment. The contractor shall strictly comply with all legal requirements regarding the use of ionizing radiation.

26. Hazardous Chemicals/Substances:

The approval of RTG Management must be obtained for all chemicals (fuels, paints, coatings, coolants, cleaners, machine oils, thinner, etc.) to be brought to the site by the contractor. Chemicals should be labeled appropriately in accordance with the "Regulation on Health and Safety Precautions in Working with Chemicals" and should be separated to prevent the possibility of harmful mixtures. All chemicals and substances must be registered in accordance with all applicable legal requirements in local legislation (in accordance with the REACH regulation in the European Union). In addition, in order to work with hazardous chemicals, the document "Classification and Marking of Chemical Risks, Sign Systems" published by the MoLSS should be followed. Contractors must ensure that all Contractor Personnel are made aware of the hazards associated with chemicals in use. Relevant Material Safety Data Sheets (MSDS) have been evaluated during the risk analysis phase and shall be accessible to the Contractor's Personnel and the Workplace in the field. All hazardous materials must be stored in accordance with the requirements specified in the MSDS. Upon completion of the Project, all unused materials and their wastes must be removed from the site by the Contractor.

27. Electrical Safety:

In all electrical operations, work shall be carried out in accordance with the "Safety Regulation in Electrical Installations" and "Electrical High Current Facilities Regulation", and the Contractor shall submit the professional competence documents (diploma, EKAT certificate, etc.) of the personnel to work in the relevant fields to the RTG Management and receive approval. Before starting work with a working electrical equipment, the Contractor must obtain a Work Permit. All electrical hazards shall be determined by the Contractor and a risk assessment shall be made by the Contractor. Any specified control measures should be applied before starting work. Grounding works shall be carried out in accordance with the GROUNDING REGULATION IN ELECTRIC FACILITIES. Hand-held portable power tools must be bipolar switched and operated from no more than 110 V a.c., the supply derived from dual-winding transformers with the center point of the secondary winding connected to earth. The contractor

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must provide such transformers.

Portable hand lamps must be operated at maximum 25 V a.c. and the Contractor must provide the necessary transformers.

In cases where special tools or equipment require a supply above 110 V, special permission must be obtained from the Technical Responsible and a residual current device provided by the Contractor must be connected to the circuit.

The Contractor shall be responsible for providing and maintaining the entire downstream installation of any RTG supplied port and shall take all reasonable measures to ensure the health and safety of persons on site. RTG management may request the disconnection or replacement of any part it deems dangerous. Portable tools, hand lamps and other portable devices should be identified by a serial number and inspected periodically as recommended in their manual. All such equipment used by contractors shall have a valid electrical safety test certificate.

All portable tools, hand lamps and other portable apparatus must be connected with plugs and sockets of the type approved according to the system. It shall be suitable for the types currently being used in the field. Plugs must be such that they can only be inserted into the correct outlet for a particular voltage.

All portable power tools and equipment, other than those mentioned in the paragraph below, must be connected with 3-core flexible cable, which must be in good condition and suitably protected against mechanical damage.

All portable angle grinders must be equipped with a non-lockable safety switch, such as the "dead mans" type, so that electrical power to the tool is automatically cut off when the handle on the tool is released.

Any electrical cable must be resistant against any danger present in the environment in which the cable shall be used. This includes mechanical damage, effects of weather, temperatures, effects of any substance used in the field, flammable materials, etc. Cable selection shall be determined by the risk assessment of the environment, the work task, the possible loads and the people using it. Cable paths shall minimize the risk of damage and prevent blockage, tripping, fire, etc. in the cable itself and shall be arranged in such a way that it does not pose any danger. All connections must be both electrically and mechanically sound - no bending or taping of conductors shall be allowed.

Electric heaters or radiators with exposed heating coils or elements should not be used. The supply of welding equipment must be specially arranged, the connections must be large enough for the task to be performed, suitably protected from mechanical damage and be in good condition. All persons who handle and use electrical equipment should be trained to administer the correct treatment for electric shock. If a Contractor or Sub-Contractor wishes to work on their installation or equipment for repair or any other reason, they must first disconnect the equipment from all sources of supply powering the equipment. Only authorized electrician Contractor Personnel who have the qualifications specified in the "Regulation on the Authorization, Duties and Responsibilities of Electrical Scientists" and "Regulations on Authorities, Duties and Responsibilities of Electrical Scientists" may enter the switchyard control room. Cells with live lines shall be limited with red stripes, and warning signs shall be posted to indicate that they

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are live lines. Work shall be carried out in areas with explosion risk only with ex-proof equipment.

28. Vehicle, Facility Mobile Equipment

Drivers of vehicles and mobile equipment used in RTG Denizli Natural Gas Combined Cycle Power Plant must have professional competency/operation certificates and must have written permission from the RTG Management. All vehicles and mobile equipment must be driven carefully, and site speed limits, traffic signs and facility rules must be followed. Drivers must be competent in their work, except for the professional competence certificate. Mobile equipment should only be parked in designated areas.

All mobile equipment to be used in the RTG Denizli Natural Gas Combined Cycle Power Plant must be periodically checked and maintained in accordance with the relevant regulation, and must be submitted to the RTG Management before entering the facility. The relevant equipment shall be able to enter the facility with the approval of the RTG Management. Only authorized personnel shall use vehicles and mobile equipment. The contractor should state that any vehicle in the facility cannot be used other than for its intended purpose and cannot carry people unless it is designed for this purpose.

In cases where vehicles shall be used near high voltage lines, the contractor shall not start work until it is authorized by RTG Management.

So long as the periodic control documents of the equipment such as excavator, mobile crane etc. to enter the field and the documents of the operators to be employed are not completed, they shall not be able to enter the field.

Note: All necessary Personnel, Company, Equipment, and Vehicle documents must be uploaded to the Contractor Management System at http://www.rtg.iova.com.tr and approved by RTG authorized & competent personnel.

29. Document Control

Activity	Department Code	Name	Date	Approval
Prepared by	RTG-E-DS	Durmuş Durmuş	10.12.2025	E-mail
Controlled by	RTG-E-MP	Utku Karakoç	10.12.2025	E-mail
Compliance Control	RTG-E-MC	Hazal Melis Çamcı	10.12.2025	E-Mail
Approved by	RTG-E	Gerrit Schacht	10.12.2025	E-mail

30. Changelog

#	Date	Page	Change / Adaptation

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2.0	06.10.2022		Original Change.
3.0	03.10.2023	**5,26** **16**	## Uploading the necessary documentation to the Contractor Management System #Work at Height
4.0	12.01.2024	**14**	# LMRA
5.0	10.12.2025	**13**	#PPE requirements for contractor

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