Appendix __
APPROVED BY
Order of AKKUYU NÜKLEER
ANONİM ŞİRKETİ
dated _____ No. _____

Integrated Management System

REGULATION

Inspection of the manufacturer's production readiness prior to the start of manufacturing of products for Akkuyu NPP

QUA-II-RG-CQ-14-191-2020

(version 1)

Approval Sheet

Action	Position	Initials, surname	Signature	Date
Approved by	Acting Deputy CEO – Chief Technology Officer of NPP under construction	B.E. Kustov		
	Director for Equipment and Logistics	Ye.Yu. Semyonov		
	Quality Director	M.V. Rabotaev		
	Head of Standardization Department	M. D. Dolotkazin		
Developed	Head of Incoming Inspection Department	A.I. Zatsepin		
	Chief Expert of Audit and Inspection Department	D.V. Belizin		

Foreword

1. DEVELOPED BY:

Audit and Inspection Department

2. APPROVED AND PUT INTO EFFECT BY :

By the Order of the Chief Executive Officer dated «____» _____ 20____ No. _____

3. INSPECTION FREQUENCY: once a year

4. DOCUMENT VALIDITY PERIOD: 3

5. DATE OF REVISION: "___" _____ 20____

6. INTRODUCED IN REPLACEMENT OF:

GD.AKU.7.4-02-02-0052-2015, approved by the order of the Chief Executive Officer No.70 dated September 4, 2015

7. LOCATION OF ORIGINAL COPY:

Audit and Inspection Department

8. DIVISION IN CHARGE OF MAINTENANCE:

Audit and Inspection Department

Contents

1 Purpose and area of application

1.1 This document "Regulations. Inspection of the manufacturer's production readiness prior to the start of manufacturing of products for Akkuyu NPP (hereinafter - the "Regulations") has been developed in accordance with the requirements of the "Manual on the Management system at nuclear facilities" and comprises the obligatory requirements of AKKUYU NÜKLEER ANONİM ŞİRKETİ (hereinafter - the "Company") to procedure of the inspection of the production readiness of manufacturers (or their Sub-Suppliers) prior to the start of manufacturing of products for the NPP, subject to compliance assessment in the form of acceptance according to the Quality Plans, in accordance with the requirements of the QUA-II-RG-CQ-14-190-2020 (item 5.4.1), and its frequency.

1.2 The requirements of the Regulation are obligatory for the subdivisions of the Company, the Authorized Organization and organizations participating in the inspection of the production readiness of Manufacturers (or their Sub-Suppliers) prior to the start of manufacturing of products for the NPP (hereinafter - the "Inspection of the production readiness").

2 Regulatory references

2.1. References to the following normative documents are used in the regulations:

Document reference	Name
Official gazette of the Republic of Turkey dated 8/4/2017 No. 30032	Guidelines for Management System at Nuclear Facilities.
The Official Newspaper of the Republic of Turkey No. 29369 dated May 28, 2015	Regulation on the Equipment Procurement Process and Approval of Manufacturers of Equipment for Nuclear Installations.
NP-001-97	General Provisions on Nuclear Power Plants Safety.
PNAE G-7-008-89	Procedure for design and safe operation of equipment and pipelines of nuclear power generating facilities.
PNAE G-7-010-89	Equipment and Pipelines of Nuclear Power Plants. Welded joints and overlays. Control regulations.
NP-043-11	Procedure for design and safe operation of cargo cranes for nuclear facilities.
RD 03-33-2008	Instructions on arranging expert examination of software tools, applicable at substantiation and (or) ensuring safety of use of nuclear power facilities.
RD 24.022.09-87	Departmental production planning system. Rules for equipment test for manufacturing accuracy.
GOST 2.103-2013	Unified design documentation system. Development stages.
GOST 3.1102-2011	Unified system for technological documentation (ESTD). Development stages and document types. General Provisions.

Document reference	Name
GOST 15.201-2000	System of product development and launching into manufacture (SPDL). Products of production and technical assignment. Products development and start-up of output procedure.
GOST 15.005-86	System of product development and launching into manufacture (SPDL). Making articles of individual and small-lot production to be assembled at a place of operation.
GOST (ГОСТ) 24297-2013	Verification of purchased products. Organisation and methods of control
QUA-II-RG-CQ-14-190-2020	Regulations. The Compliance Assessment in the form of acceptance and tests of products for Akkuyu NPP.
GD.AKU.8.3-02-02-0051-2020	Regulation on Non-Conformances Control Found at Manufacturing and Incoming Inspection of Products for Akkuyu NPP.
GD.AKU.7.4-02-02-0059-2020	Regulation on the use of imported products to be used at Akkuyu NPP.
RG.AKU.8.2.2-07-03-0115-2019	The procedure for the development and approval of TA and TS for the equipment for Akkuyu NPP.

3 Terms and definitions.

The Regulations apply terms and their definitions in accordance with QUA-II-RG-CQ-14-190, GD.AKU.8.3-02-02-0051, GD.AKU.8.3-02-02-0059, as well as the terms with corresponding definitions:

Term	Definition
Readiness Inspection Certificate of manufacturer's production prior the start of product manufacture (Readiness Inspection Certificate)	The Certificate documented by the Authorized Organization in the procedure, established by the Regulations following readiness inspection of the manufacturer's production prior the start of product manufacture, where the readiness or non-readiness of the manufacturer's production to the start of product manufacture is specified.
Testing laboratory	Laboratory certified for performing product tests in one of the applicable certification systems in conformity with its scope of certification.
Mass production	Manufacturing characterized by large output volume of product/items continuously manufactured or repaired for a long duration, during which one job is performed at the majority of work places.

Term	Definition
Modified products/product	Variety of products/product created based on the base item for expanding or specializing the scope of its use.
Negative Readiness Inspection Certificate	Certificate where the non-readiness of the manufacturer's production to the start of product manufacture is specified.
Positive Readiness Inspection Certificate	Certificate containing the Report specifying the readiness of the manufacturer's production to the start of product manufacture.
Serial production	Production, characterized by manufacture, or repair of the products by recurring batches.
Typical product	Product, belonging to the group of items, of related design, having most of the design and process attributes of this group.

4 Abbreviations

The following abbreviations are used in the Regulations:

Acronym	Expansion
Certificate	Readiness Inspection Certificate of the manufacturer's production for manufacturing the product for the NPP
NPP	Akkuyu Nuclear Power Plant
NRA	Nuclear Regulatory Agency of the Republic of Turkey
GOST	State Standard
HMSO	Head Material Science Organization
LCP	Long cycle production
ITD	Initial technical documentation
RD	Regulatory document
A&ID	Audit and Inspection Department
MI&TID	Metal Inspection and Technical Inspection Department
QCD	Quality control department
EMD	Engineering and manufacturing documentation
EDD	Manufacturing and control documentation
TPP	Test program and procedure

Acronym	Expansion
EOD	Equipment owner division
QAP	Quality assurance program
CDCP	Certification data confirmation program
DED	Detailed Engineering Documentation
RF	Russian Federation
QMS	Quality Management System
TA	Terms of Reference
TR	Technical Requirements
TS	Technical specifications
AO	Authorized organization
FSR	Federal Standards and Rules
ASME	A series of standards developed and published by the American public organization in the field of engineering
ASTM	A series of standards developed and published by the American Society for Testing Materials
EN	A series of standards developed and published by the European Committee for Standardization
HP	Hold Point

5 General provisions

5.1 The Production Readiness Inspection is performed for confirming the Manufacturer (its Sub-Suppliers) readiness to execute the order for manufacturing the product for the NPP in conformity with the requirements of the agreements (contracts), engineering and regulatory documentation.

5.2 The Production Readiness Inspection is the part of the product compliance assessment in the form of acceptance. The Production Readiness Inspection is obligatory for products subject to the Compliance Assessment in the form of acceptance, according to QUA-II-RG-CQ-14-190-2020 (item 5.4.1).

5.3 The party in charge for conducting Production Readiness Inspections is the product Manufacturer.

The Manufacturer (its Sub-Suppliers) provides the conditions for conducting Production Readiness Inspection. (It organizes the work place or area, provides required documentation, employs Manufacturer's experts for participating in the Production Readiness Inspection process, provides familiarization with workshops, production sites, laboratories and other subdivisions).

5.4 The Production Readiness Inspection is the first check-point in the Quality Plans and has the status "HP". The Production Readiness Inspection is carried out by an Authorized Organization.

In the event of the participation of organizations in the Production Readiness Inspections, which had concurred the quality Plan under the established procedure and established the corresponding reference mark about its participation at the check-point, the Production Readiness Inspection is performed by these organizations jointly with the Authorized organization. In this case, the corresponding Production Readiness Inspection Certificate is signed by all participants.

Representatives of the NRA may participate in the Production Readiness Inspection to implement nuclear safety supervision.

5.5 The results of the Production Readiness Inspection and the assessment of the Manufacturer's capability to manufacture products for the NPP are reflected in the Production Readiness Inspection Certificate. The Certificate is issued by the AO.

The number and date of the Production Readiness Inspection Certificate is specified in the column "Note" of the quality Plans at the control point "Production Readiness Inspection".

Closure of the Quality Plan check-point "Production Readiness Inspection" for a specific Quality Plan is performed by the representative of the AO and the participating organizations that have established the appropriate status in the Quality Plan check-point, considering the results of the Production Readiness Inspection.

5.6 The Certificate shall be issued in two counterparts. One original of the Certificate remains with the inspected Manufacturer, and the second original of the Certificate is transferred to the AO. Participating organizations have the right to require the AO to provide copies of the Certificate.

Note - The Certificate is issued in bilingual version (Russian and English) or in two copies in Russian and in English.

5.7 At the request of the AO, the Manufacturer presents agreements for the supply (manufacture) of products (components and semi-finished products) concluded with Sub-Suppliers.

5.8 If the non-readiness of the production for manufacturing product for the NPP is identified, the Negative Readiness Inspection Certificate is issued. The grounds for issuing a Negative Certificate are specified in item 9.7.

5.9 The AO informs the Company about all cases when a Negative Production Readiness Inspection Certificate is issued (the Negative Readiness Inspection Certificate is sent to the Company) and (or) the Manufacturer's refusal to provide ITD, TA/TS/TR, DED, EMD, EDD and contract documentation, including information about Sub-Suppliers.

5.10 The AO is forbidden to distribute the effects of the Certificates, documented during the production inspection for other nuclear power plants.

5.11 If required, by the Company's decision, the Head Material Science Organization, specialized organizations, having qualification on issues of manufacturing the specific product, and representatives of the design organizations are employed for the Production Readiness Inspection.

6 Responsibility

6.1 The Company shall be responsible for:

– Inclusion of requirements of the Regulations into agreements with the General Contractors/Suppliers (upon conclusion of a manufacturing/supply contract without participation of the General Contractor);

– Participation in the Production Readiness Inspection;

– monitoring elimination of the comments and (or) non-conformities, identified when performing Production Readiness Inspection;

– interaction with the NRA on participation in nuclear safety supervision;

– compliance with the requirements of the Regulations.

6.2 The General Contractor is liable for:

– quality of products for the NPP;

– compliance with the requirements of the Regulations:

– Inclusion of the requirements of the Regulations into the agreements (contracts) with the Suppliers;

– Participation in the Production Readiness Inspection;

– monitoring elimination of the comments and (or) non-conformities, identified when performing Production Readiness Inspection.

6.3 The Supplier shall be responsible for:

– the quality of products supplied to NPP;

– ensuring the arrangement of the conditions required for the performing of the Production Readiness Inspection;

– Participation in the Production Readiness Inspection;

– ensuring the availability of national approvals with the Manufacturer (its Sub-Suppliers) for manufacturing the product for nuclear facilities / nuclear power plants (if this requirement is stipulated by the regulatory standards of the manufacturer's country);

– Ensuring, that the developer of the DED has national approval documents for construction of products for nuclear facilities / nuclear power plants (in case if such requirements are stipulated by normative-legal acts of the country of manufacturing facility);

– arrangement and supervision of the development of TS/TA/TR, DED, EMD, EDD, quality control tables of basic materials, welded joints and surfacing (if required), test programs and procedures (acceptance, commissioning, periodic and type tests) of the product;

– arrangement and monitoring of the agreement of quality control tables for base materials, welded joints and surfacing with the Head Material Science Organization in cases stipulated by the RD;

– Ensuring provision of translation services during performance of the Production Readiness Inspection;

– engagement (as appropriate or in cases stipulated by applicable regulatory documentation and documents of the Company for compliance assessment of products in the form of acceptance and tests), the Head Material Science Organizations and (or) expert organizations for conducting examinations and issuing conclusions;

– monitoring elimination of the comments and (or) non-conformities, identified when performing Production Readiness Inspection;

– compliance with the requirements of the Regulations.

6.4 The manufacturer (its Sub-Suppliers) is/are liable for:

– the quality of products supplied for the NPP;

– availability of the set of the authorization documents for the right to carry out the declared type of activity in the area of the nuclear energy use;

– Organization of the conditions, required for performing manufacturing readiness assessment;

– Participation in Production Readiness Inspection of its own Sub-Suppliers;

– availability of Quality Plans agreed in accordance with the procedure established by QUA-II-RG-CQ-14-190;

– availability of TA/TS/TR agreed in accordance with the procedure established by RG. AKU. 8. 2. 2-07-03-0115 and GD. AKU. 7. 4-02-02-0059;

– availability of the DED, EMD, and EDD:

– agreement of the DED, EMD, and EDD with the Head Material Science Organization in cases, provided for by the regulatory documentation;

– technical feasibility to manufacture products that comply with the requirements of RD, ITD,TS/TA/TR, DED, and agreements (contracts) for the manufacture, specified quality and in sufficient quantity (availability of necessary equipment, software, tools, personnel (employees), etc.);

– Availability of technical capability to perform tests, quality control of product and removal of non-conformities found;

– Availability of QMS in force;

– Availability of appraisal certificates or other documents with the Manufacturer's personnel, stipulated by the requirements of RD of the Manufacturer's country;

– metrological support for the manufacture of products in accordance with the requirements of the RD of the Manufacturer's country;

– Availability of required accreditation for the test laboratories, taking part in the product quality control process;

– development and agreeing of the plan of eliminating comments and (or) non-conformities identified during the production readiness inspection;

– timely implementation of the plan of eliminating comments and (or) non-conformities;

– compliance with the requirements of the Regulations.

6.5 The Authorized organization shall be responsible for:

– Performing manufacturing readiness assessment;

– review and agreeing of the plan of eliminating comments and (or) non-conformities identified during the production readiness inspection;

– monitoring elimination of the comments and (or) non-conformities, identified during performing Production Readiness Inspection;

– compliance with the requirements of the Regulations.

7 Arrangement of the Production Readiness Inspection performance

7.1 The organizations specified in the section 6, determine the need for their participation in the production readiness inspection by determining the "HP" status at the "Production Readiness Inspection" check-point when agreeing on a Quality Plan for products.

7.2 The Production Readiness Inspection Notice (hereinafter - the "Notice") is sent by the Manufacturers to the Supplier/ General Contractor in a timely manner. The format of notice is specified in Appendix No. 1. The Supplier (if there is a direct contract with the Company)/ General Contractor is obliged to send a Notice to the Authorized Organization and organizations participating in the products compliance assessment (as for the Company, the Inspection Notice is sent to the Quality Director), which established the "HP" status at the "Production Readiness Inspection" check-point of the Quality Plan, at least 20 (twenty) business days prior to the start of the inspection.

7.3 The Notice is sent by an official letter, in the format of Appendix No. 8 to QUA-II-RG-CQ-14-190, to the Supplier/ General Contractor for their notification of the Company at least 20 (twenty) business days prior to the start of the performing.

Note - All letters of notice about the Inspection are duplicated to the email address quality@akkuyu.com and are accepted for processing by the A&ID, the next day after they are received, to this email address.

7.4 The procedure for the Company's decision to participate in the production readiness inspection:

7.4.1. The Company's Quality Director sends letters of notice about the Production Readiness Inspection to confirm participation in the inspection (via the Enterprise control management):

– To the Director for Equipment and Logistics for confirmation and participation of representatives of the division (if necessary) in charge of the agreement (contract) under which products for the NPP are manufactured (hereinafter - the "Contract Supervisor");

– To the Deputy Director of the NPP under construction - Chief Technology Officer to confirm the participation of EOD and MI&TID representatives.

7.4.2. The Contract Supervisor within 3 (three) business days sends (by means of the Enterprise control management), to the head of the A&ID, information on the participation of their representatives or refusal to participate in the inspection.

7.4.3. EOD and MI&TID within 3 (three) business days sends (via the Enterprise control management) information about the participation of their representatives or refusal to participate in the inspection to the Head of the A&ID.

7.4.4. A&ID, within a period of not more than 5 (five) business days, sends the Production Readiness Inspection Notice to the Nuclear Regulatory Agency (in the cases where the Nuclear Regulatory Agency has the inspection status "HP" and (or) "WP").

7.4.5. A&ID sends a response on participation in the Inspection to the General Contractor, Supplier (if there is a direct agreement (contract) with the Company), Authorized organization, Manufacturer, within:

– 15 (fifteen) business days (in the cases when the NRA has established the status "HP" and (or) "WP" in the Production Readiness Inspection);

– 7 (seven) business days (in all the other cases).

7.4.6. In the event the Company decides not to participate in the Production Readiness Inspection, the A&IDI sends a letter of non-confirmation of participation to the Authorized organization and organizations participating in the Production Readiness Inspection. Thus, a letter on the participation / non-participation of representatives of the NRA is sent in accordance with item 7.4.5.

7.5 The Supplier (if there is a direct contract with the Company) / General Contractor must ensure that the participating organizations receive the appropriate Production Readiness Inspection Notice.

7.6 Participating organizations must send the Manufacturer information about their representatives who will participate in this check-point at least 5 (five) business days prior to the start of the production readiness inspection, or inform about the absence of their representatives.

7.7 The original of the Notice in two copies is sent to the representatives of the AO and the participating organizations upon their arrival at the Manufacturer for the Production Readiness Inspection.

7.8 Depending on the acceptance conditions (mass or periodic manufacture, availability of the permanent representative of the Authorized organization at the Manufacturer, etc.) and by agreement with the Authorized organization the Notice can be sent to the Authorized organization within less than 20 (twenty) business days prior to the start of inspection.

7.9 In case of revealing comments and (or) non-conformities during the Acceptance Inspection and the need to perform a repeated Production Readiness Inspection, the corresponding remark "Repeated Production Readiness Inspection Notice" is made in the Notices and a link to the number and date of the Production Readiness Inspection Report is indicated, which contains comments and (or) non-conformities, as well as documents confirming the elimination of comments and (or) non-conformities are attached therein. The procedure for Repeated Production Readiness Inspection Notice corresponds to item 7.2.

8 The procedure for the Production Readiness Inspection

8.1 The acceptance inspection is performed at the agreed and planned time period specified in the related Covering Letters. The manufacturer must assign the period of time that is sufficient to inspect the readiness of production, including familiarization with the required set of documents (Permits, QMS, DED, EMD, EDD, various magazines, etc.), production facilities, laboratories, checking the availability of the required personnel and their qualification (certification), registration and signing of the Production Readiness Inspection Certificate, etc., and should not match with the weekends and holidays.

8.2 If the Manufacturer had received confirmation of the presence of the member organizations in the Production Readiness Inspection, but they had not arrived at the appointed time to the place of Acceptance Inspection or confirmation of their participation had not been received, the Production Readiness Inspection is delayed for 48 (twenty-eight) hours, and the Authorized organization and member organizations for performing Production Readiness Inspection are notified in writing to that effect, thereafter the Production Readiness Inspection is continued independent of the presence of the representatives of the given organizations.

8.3 If there is no confirmation of its presence and the member organization's representative fails to appear for performing Production Readiness Inspection, where the participation of the given organization's representative is stipulated, the Manufacturer specifies the number and date of the letter(-s) addressed to this organization in the "Note" column of the Quality Plan about the delay of operation for 48 (forty-eight) hours, sent in accordance with the item 8.2 of the Regulations. These letters are enclosed with the Quality Plan sent in a complete set with supporting documentation for the products.

8.4 The type of production readiness inspection depends on whether the production readiness inspection was performed out earlier, whether the updated Production Readiness Inspection Certificate is available and the availability or lack of products planned for production in it.

8.5 If the production readiness inspection was not carried out or the Production Readiness Inspection Certificate does not specify the products planned for production, then the production readiness inspection is performed in full. The list of questions is formed considering Appendix No. 4 (for the Manufacturers of the Russian Federation) or Appendix No. 5 (for the Manufacturers of imported products) and the specifics of the production of specific products.

8.6 If the Production Readiness Inspection was performed, but the validity period of the Production Readiness Inspection Certificate has expired, then a periodic inspection of the production readiness is performed. The scope of questions is identical to the item 8.5 and is formed considering Appendix No. 4 (for the Manufacturers of the Russian Federation) or Appendix No. 5 (for the Manufacturers of imported products) and the specifics of the production of specific products.

8.7 If the Production Readiness Inspection was performed, the validity period of the Production Readiness Inspection Certificate has not expired (it is relevant), then the inspection is performed to the extent of the questions specified in the Production Readiness Inspection Report (see Appendix No. 2).

8.8 The validity period of the Production Readiness Inspection Certificate prior to the start of production of specific products for the NPP is 6 (six) months from the date of the performance of the production readiness inspection.

8.9 In case of any changes in the TA/TS/TR, DED, EMD, etc., affecting the production or quality of the products and (or) identification of violations related to the products identification and (or) traceability, record keeping, storage and handling of documents, etc., an unscheduled inspection of production readiness can be performed. When performing unscheduled inspections of the production readiness, a specific list of issues should correspond to the topic of the amendment made/ the violation detected. Thus, during the validity period of the Certificate, during an unscheduled inspections of the production readiness, only issues related to the essence of the amendments/violation detected that have occurred are checked. The grounds for performing an unscheduled inspection of the production readiness are specified in Appendix No. 7. The format of the Unscheduled Production Readiness Inspection Certificate is specified in Appendix No. 8. Depending on the importance of the amendments made/ violations identified, the Unscheduled Production Readiness Inspection may be performed by the decision of the AO, in accordance with item 8.6.

8.10 In the event of the change in ownership and structure of the Manufacturer, the introduction of new technologies, as well as processing of the current DED, EMD and EDD, changes to production processes, the manufacturer within 5 (five) business days shall inform the AO to make decision about the extension of Production Readiness Inspection Certificate for these products and about performing the unscheduled production readiness inspection. The format of the Decision on the extension of the Production Readiness Inspection Certificate is specified in Appendix No. 9.

On systematic violation of the requirements on informing the Authorized organization about the revisions made, the Authorized organization can take the decision on suspension of the validity of the Production Readiness Inspection Certificate, by informing the Company about it.

8.11 The Authorized organization keeps records of Production Readiness Inspection Certificates, decisions to extent the Production Readiness Inspection Certificate, Unscheduled

Production Readiness Inspection Certificates, plans of measures to eliminate comments and (or) non-conformities, and Reports on eliminating comments and (or) non-conformities.

8.12 In case the participation of a representative of the Company, the NRA and (or) organizations participants in Production Readiness Inspection, it is performed in full, in accordance with the items 8.5 or 8.6 , regardless of the actual Certificate.

9 Registration of the results of the Production Readiness Inspection

9.1 If the Production Readiness Inspection has not previously been performed, the AO shall issue Production Readiness Inspection Report based on the results of the Production Readiness Inspection (hereinafter – the "Report"). The format of the Report is specified in Appendix No. 2.

9.2 If the Production Readiness Inspection has been performed, but the validity period of the Production Readiness Inspection Certificate has expired, then the AO issues and signs Production Readiness Inspection Report, based on the results of production readiness inspection.

9.3 If the Production Readiness Inspection was performed and the validity period of the Production Readiness Inspection Certificate has not expired (it is relevant), then the AO signs the Report, based on the results of production readiness inspection.

9.4 If representatives of participating organizations take part in the Production Readiness Inspection, they are required to sign the Production Readiness Inspection Certificate and the relevant Reports.

9.5 The Certificate consists of the cover sheet (Appendix No.3), the list of issues and the inspection results, documented in accordance with Appendix No. 4 (for the Manufacturers of the Russian Federation) or Application No. 5 (for manufacturers that produce imported products) and the List of Findings based on the result of the Production Readiness Inspection (Appendix No. 6). The List of Findings based on the result of the Production Readiness Inspection shall indicate the following:

– the list of the identified comments and (or) non-conformities with the time limits for their elimination (it is allowed to make the list of identified comments and (or) non-conformities indicating the time limits of their elimination on a separate sheet in the form of Appendix to the Production Readiness Certificate, subject to the availability of links to this document in the inspection results), or an indication that the Production Readiness Inspection prior the manufacturing, the comments and non-conformities were not revealed;

– readiness/non-readiness of the Manufacturer's production to start the manufacturing.

9.6 If, as a result of the inspection, there has been revealed comments and non-conformities that cannot be eliminated during the manufacturing process, the Negative Certificate is issued by the AO, a copy of which is sent to the Company.

9.7 The basis for the Negative Certificate issuance can be:

– unavailability of the approval certificate of the manufacturer obtained by the Manufacturer from the NRA (hereinafter - the "Certificate") or expired Certificate or approval Certificate of the manufacturer is suspended/ cancelled, or there is no certificate for the main products, planned for manufacturing;

– lack of the NRA supervision plan;

– the unavailability of the license from Rostekhnadzor for the relevant type of activity (production and design of products of safety class 1, 2 and 3 according to NP-001, if the manufacturer and the DED Company-Developer are one legal entity) in the field of nuclear energy use - for Russian Manufacturers;

– unavailability of national license for manufacturing and designing (if the Manufacturer and DED development enterprise is one legal entity) product for the nuclear facilities/nuclear power plants (if this requirement is stipulated by the regulatory acts of the foreign manufacturer's country for Manufacturers of the imported products;

– unavailability of the developed, agreed and approved quality assurance program/quality guidelines for the development of products for nuclear power plants (if there are on-site design subdivisions) and the manufacture of products for nuclear power plants;

– unavailability of TA/TS/TR, agreed and approved in the prescribed manner;

– unavailability of the Quality Plans, agreed and approved in the prescribed manner;

– unavailability of the Manufacturer who manufactures imported products, recorded and translated into the language of his country, TA/TS/TR and a set of DED;

– unavailability of copies of the RD of the Russian Federation translated into the language of the Manufacturer's country, if there are references to them in the set of DED, TA/TS/TR, quality control tables of the base metal and welded joints (surfacing), test programs and procedures;

– Absence of certificates and reports, issued based on acceptance and/or qualification tests on availability of DED that has been assigned the letter O1 or A;

– Absence of machining, control and testing equipment and employees, operating the given equipment, required for performing process and (or) control operations (tests) for product manufacture, in the event the Manufacturer does not have concluded agreement (contracts) with the subcontractors and (or) test centres (laboratories), having the corresponding licenses for performing the given operations (tests);

– unavailability of the system of metrological support for the production and availability of technological equipment, namely:

- unavailability of the schedules, statements confirming the execution of scheduled maintenance and checks of the technological accuracy of the process equipment;
- unavailability of accounting of the measuring and control instruments, test equipment;
- unavailability of certified procedures of measurements, testing and control;
- unavailability of verification certificates, certificates of calibration and (or) calibration marks for measuring and control instruments, certification of test equipment;
- unavailability of arrangement and performing of metrological examination of engineering and process documentation;

– unavailability of the system of training and knowledge assessment of the management and experts of the RF Manufacturers to the requirements of federal rules and regulations;

– unavailability of the documented system of accounting, storage, making changes in design and technological documentation, and issue of the documentation for production;

– unavailability of the documentation at the Manufacturer's site (company standard, instructions, list of products subject to incoming inspection) determining the requirements for the quality control of the purchased materials, semi-finished products and components;

– unavailability of developed, coordinated and duly approved process documentation, including the process data sheet for documenting the results of manufacturing and control of products at all stages of manufacture;

– unavailability of certificates confirming the qualification of: welders performing welding and surfacing; non-destructive testing operators; testing specialists; supervisors of departments (offices) of technical control, engineering technicians and officials engaged in the production of the products;

– unavailability of Report based on the results of DED analysis and review/expert review.

The unavailability of the full set of DED, EMD, and EDD (for example, during manufacture of long-lead equipment) is not the basis for drawing up the negative Certificate on the condition that the full set of DED, EMD, and EDD shall be presented during manufacture in conformity with developed schedule and the specified delay in submitting the documents does not influence on the closure of control point of the Quality Plan. Additionally, the stepwise development of the DED, EMD, and EDD shall be agreed by the AO.

9.8 If the result of the Production Readiness Inspection are revealed comments and (or) non-conformities which can be eliminated in the manufacturing process and will not affect product quality, the Manufacturer develops the plan of measures for elimination of comments and (or) non-conformities identified in the Production Readiness Inspection and listed in the Production Readiness Certificate (Plan of measures for elimination of comments and (or) non-conformities) with indication of the responsible officials, the procedure and time limits and agrees it with the AO representatives and organizations involved in Production Readiness Inspection (in the case of participation in Production Readiness Inspection of the organizations, which have set the status of "HP" in the appropriate check-point of the Quality Plan). The format for the of the Plan of measures for elimination of comments and (or) non-conformities is specified in Appendix 10 of the Regulations.

9.9 The Plan of measures for elimination of comments and (or) non-conformities shall be developed by the Manufacturer within no more than 5 (five) business days from the end of the Production Readiness Certificate and sent to the AO and organizations participating in the production readiness check (in the case of participation in Production Readiness Inspection of the organizations, which have set the status of "HP" in the appropriate check-point of the Quality Plan). The term of reviewing by the AO and the organizations participating in the Production Readiness Inspection is not more than 10 (ten) business days. The repeated term of reviewing of the Plan of measures for elimination of comments and (or) non-conformities shall not exceed 5 (five) business days. It is recommended to document the Plan of measures for elimination of comments and (or) non-conformities in the process of Production Readiness Inspection, to agree and sign it during signing of the Production Readiness Inspection Certificate.

9.10 The agreed Plan of measures for elimination of comments and (or) non-conformities is the basis for signing the Production Readiness Inspection report and the start of manufacturing of products, considering the conditions stipulated in item 9.7.

9.11 After the Manufacturer has completed the Plan of measures for elimination of comments and (or) non-conformities, the corresponding Report on elimination of comments and (or) non-conformities identified as a result of the Production Readiness Inspection. This Report is signed by the responsible representatives of the Manufacturer and the Authorized organization, and is attached together with the Plan of measures for elimination of comments and (or) non-conformities to the Production Readiness Inspection Certificate. The format for the Report on elimination of comments and (or) non-conformities identified as a result of the Production Readiness Inspection is specified in Appendix No. 11.

9.12 If there are comments and (or) non-conformities identified during the audit readiness, they are an opinion on the Production Readiness Inspection or references to documents which contain the comments and (or) non-conformities, which are the Appendices thereto (these

documents shall be attached to the Report). The corresponding check-point of the Quality Plan "Production Readiness Inspection" is closed after the development of an Plan of measures for elimination of comments and (or) non-conformities, the elimination of identified comments and (or) non-conformities, the documentation and signing of the Report on the elimination of comments and (or) non-conformities. The check-point of the Quality Plan "Production Readiness Inspection" which is not closed, does not prevent further continuation of work, provided that a Positive Certificate of Production Readiness Inspection is issued and the Plan of measures for elimination of comments and (or) non-conformities is agreed with the AO.

9.13 The check-point of the Quality Plan "Production readiness check" shall be closed prior to the performance of product acceptance inspection. It is not allowed to perform an acceptance inspection of products before the closure of the above-mentioned check-point of the Quality Plan.

9.14 The check-point of the Quality Plan "Production readiness check" is closed only after all the comments and (or) non-conformities have been eliminated and the Report for eliminating the comments and (or) non-conformities has been signed in full.

9.15 Participating organizations that took part in the production readiness inspection and during which comments and (or) non-conformities were identified, have the right to close the check-point of the Quality Plan "Production Readiness Inspection" with a corresponding letter, provided that the requirements of item 9.14 are fulfilled. Besides, instead of the signature of the representative of the organization participating in the check-point of the Quality Plan "Production Readiness Inspection" is allowed to enter the manufacturer corresponding letter, provided that a copy of this letter is attached to the Quality Plan.

9.16 In the there are no comments and (or) non-conformities, the corresponding point of the Quality Plan "Production readiness Inspection" is closed. The "Note" to the check-point of the Quality Plan "Production readiness Inspection" indicates the number and date of the Certificate.

9.17 The specific documents, which were reviewed during the inspection process, shall be specified when presenting the Certificates.

9.18 If any information or document is not available the corresponding records in the Certificate shall be made about it.

9.19 An unscheduled inspection is performed in the cases specified in Appendix 7 of the Regulations. Based on the results of unscheduled inspections, the corresponding Certificate is issued (the recommended format for the Certificate is specified in Appendix No. 8), which shall contain at least the following information:

– the Certificate number and date;

– name of the Manufacturer;

– Period of inspection;

– Reason for performing unscheduled inspection;

– Scope of inspection;

– inspection results (identified comments and (or) non-conformities);

– measures to eliminate comments and (or) non-conformities (it is allowed to attach the Plan to eliminate comments and (or) non-conformities, agreed with the AO);

– Signatures specifying the positions, full names of the representatives of the organizations performing assessment).

Appendix No. 1
(obligatory)

Format for the Production Readiness Inspection Notice

Manufacturer _____
Shop No._____ dated: «____» _____ 20___.

To the Representative (Representatives) of _____
(name of the organization)

PRODUCTION READINESS INSPECTION NOTICE No._____

In accordance with the Agreement No. _____ dated "___" _____ 20____.

between _____ and _____

for the manufacture
of_____
(product name, drawing designation, TS)

We hereby inform you that from "____" _____ 20__, at _____
(date) (month) (year) (time)

The Manufacturer is ready to perform the production readiness inspection prior the start of manufacturing of the products for Akkuyu NPP in accordance with the Quality Plans: _____.

_____.

Production readiness inspection has not been performed before	☐
Production readiness inspection has been performed, but the validity of the Production Readiness Inspection Certificate has expired	☐
Production readiness inspection has been performed, the validity period of the Production Readiness Inspection Certificate has not expired	☐

Information about the Production Readiness Inspection Certificate (in the case if Production Readiness Inspection Certificate has been performed earlier): No._____dated "___"_____20___, is valid until "____"_____20___.

Please confirm your presence during the production readiness inspection at the check-point of the above Quality Plans

Authorized person of the manufacturer: _____ _____
(signature) (surname and initials

Authorized person of the manufacturer's QCD: _____ _____
(signature) (surname and initials)

I hereby confirm performing/participating in the production readiness Inspection:

Representative of _____
(name of the organization)

_____ _____ _____ _____
(date) (position) (signature) (surname and initials)

Appendix No. 2
(obligatory)

Format for the reverse side of the Production Readiness Inspection Notice (Production Readiness Inspection Report)

PRODUCTION READINESS INSPECTION REPORT
to the Production Readiness Inspection Notice No. _____dated «___» _____ 20____

Production readiness inspection has not been performed before	☐
Production readiness inspection has been performed, but the validity of the Production Readiness Inspection Certificate has expired	☐
Production readiness inspection has been performed, the validity period of the Production Readiness Inspection Certificate has not expired yet	☐
Production Readiness Inspection Certificate: No._____dated «____»_____20___, is valid until «____»_____20___.	

The scheduled production readiness inspection was carried out (in the case when the production readiness check was carried out, the validity period of the Production Readiness Inspection Certificate has not yet expired):

item	Inspected issue	Compliance/Availability	Non-compliance/Unavailability
1	Compliance with the name and designations of the products specified in the Production Readiness Inspection Certificate and the products specified in the provided Quality Plans.	☐	☐
2	Compliance with the name and designations of the products ITD, TS/TA/TR, specified in the Production Readiness Inspection Certificate and the products specified in the provided Quality Plans.	☐	☐
2	Availability of licenses for types of activity with the manufacturer, area of their extension and conditions of validity	☐	☐
3	Availability of the valid certificates (approvals) with the manufacturer obtained from the NRA	☐	☐
4	Availability of the supervision plans with the manufacturer obtained from the NRA	☐	☐
5	Availability of a valid document (certificate) confirming the certification of the Quality Management System.	☐	☐
6	Availability of the considered and registered set of DED, TS/TA/TR and ITD. If changes are made to the TS/TA/TR, they must be approved in accordance with the established procedure. In case of making changes to the DED, there shall not be any contradictions with the RD, TS/TA/TR and ITD.	☐	☐
7	Availability of an considered and registered set of EMD. In case of making changes to the EMD, there shall not be any contradictions with the RD, TS/TA/TR and ITD.	☐	☐
8	Availability of an considered and registered set of EDD. In case of making changes to the EDD, there shall not be any contradictions with the RD, TS/TA/TR and ITD.	☐	☐

As a result of the production readiness inspection, the following was identified:

_____
(unavailability of comments and (or) non-conformities or a list of identified comments and (or) non-conformities is indicated, specifying

_____
the terms of their elimination, it is allowed to make a reference to the document, which reflects the full list of comments and (or)non-conformities)

If there are any comments and (or) non-conformities:
Plan of measures for elimination of comments and (or) non-conformities No. _____ dated_____, identified as a result of the Production Readiness s Inspection prior to the start of manufacturing and agreed in full.

The Decision on the Manufacturer's Production Readiness to manufacture products according to the submitted Quality Plans:	
THE MANUFACTURER IS READY TO MANUFACTURE THE PRODUCTS	☐
THE MANUFACTURER **IS NOT READY** TO MANUFACTURE THE PRODUCTS	☐

Representative: _____
(name of the organization)

_____ _____ _____
(signature) (surname and initials) (position)

P.S.

_____
(control performance date)

Appendix No. 3
(obligatory)

Format for the title page of the Production Readiness Certificate

/Place for the AO trademark/	
	(name of the AO)

READINESS ASSESSMENT CERTIFICATE OF MANUFACTURER'S PLANT

No._____dated_____ is valid until_____

The Order of AKKUYU NÜKLEER ANONİM ŞİRKETİ No._____ dated _____

Readiness assessment of manufacturer's plant _____
(Name of enterprise checked and location (city)

before start of manufacture _____
(Product name, notation)

in conformity with the Agreement (Contract) * _____
(Number and date of Agreement (contract) for product manufacture/delivery specified, name of Customer)

for the subsequent delivery to Akkuyu NPP Power Unit No. _____ has been performed from _____ to _____
(NPP unit number) (start date of assessment) (end date of assessment)

Committee comprising of: _____
(Position, organization) (Full name)

_____
(Position, organization) (Full name)

*The Agreement (contract) chain shall be presented in full (from Company to manufacturer (its Sub-Supplier))

Appendix No. 4
(obligatory)

Format and the minimal scope for the RF Manufacturer Production Readiness Inspection prior to the start of manufacturing products for Akkuyu NPP

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
1. Licensed activities, product certification activities, availability of NRA certificates (approvals).		
1.1. Availability of licenses for types of activity with the manufacturer, area of their validity and conditions.		
Availability, conformity of the terms and area of distribution of action conditions of the licenses for the manufactured product. Availability and correspondence of the license conditions are checked if the manufacturer uses (plans to use) WCD, developed by a third-party contractor. Availability of the corresponding contract for rendering the given services.	Numbers of the licenses, issued by the state supervision authorities, for the right of designing and (or) manufacturing the products (items) for nuclear facilities with validity, name and form of ownership of DED developer (if the manufacturer uses DED, developed by a third-party contractor), are stated.	Copies of licenses with the action conditions are enclosed to the Certificate.
1.2. Availability with the organization the Certificates of Conformity for manufactured products in the system of mandatory certification, the area of their validity and the terms of validity (if these requirements are included in the agreement (contract) for the supply of products and (or) TS/TA/TR).		
Availability and correspondence of the scope and conditions of validity of certificates for the manufactured types of products shall be inspected.	It shall be specified, whether the compulsory certification requirements apply to the manufactured products. If the products are subject to compulsory certification in the system, data on the issued certificates shall be provided with indication of their validity periods, the name of the certification body that issued the certificate and the number of its accreditation certificate.	If compulsory certification of the products is not envisaged, the "certification is not envisaged" note shall be made. If the products are subject to certification, but certificates are not indicated in the report, a corresponding entry shall be made. In the case of production of non-serial products that are subject to mandatory certification, a corresponding record is made about the unavailability of the certificate

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
		and the need to provide it before the acceptance inspection (unless another time limit for providing the certificate is agreed with the Company). Copies of certificates with the terms of their validity are attached to the Certificate.
1.3. Availability of the corresponding certificate (approval) of the NRA and the NRA Supervision plan.		
To be inspected: 1. Availability, compliance with the scope of extension and terms of validity of the corresponding certificate (approval) of the NRA. 2. Availability of the NRA supervision plan.	Specified: 1. The number and date of the certificate (approval) of the NRA. 2. The number and date of the NRA supervision plan.	A copy of the Certificate (agreement) of the NRA, attached to the Certificate.
2. Quality assurance activities.		
2.1. Functioning of a documented quality management system (QMS).		
To be inspected: 1. Availability of QMS procedural documents, specified in QAP, quality Manual and (or) list of enterprise QAP procedures and defining the procedure of development, concurrence, approval, commissioning, identification, record of changes, references, storage and cancellation of documents. 2. Conformance of the procedure of development, concurrence, approval, commissioning, identification, accounting, making amendments, references, storage and cancellation of documents, QMS, specified in QMS and QAP procedures, quality Manual, actual procedure through procedural	To be specified: 1. Name and designation of quality manual. 2. Description and notation of QAP (R) and (or) QAP (I) 3. Name and number of manufacturer's QMS procedures or note that the list is given in QAP, Quality manual. 4. Specific organizations, concurring quality assurance programs (use of the term "customer" is allowed only with explanation). 5.Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure (specifying the name of documents, using which the assessment was made) or indication of comments unavailability.	List of QMS procedures is enclosed to the certificate. Meeting of minimum 5 (five) requirements of documents is assessed. Document quantity minimum 3 (three).

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
documents, forming the scope of inspection		
2.2. Availability of certification of the quality management system (QMS).		
Availability of the documents confirming the QMS certification shall be inspected.	To be specified: 1. The organization that issued the Certificate. 2. Number and validity period of the Certificate.	
2.3. If under terms of screen fixing, finned tubes have the possibility to deform, then stresses defined in cl. Development of the Quality Plans.		
To be inspected: 1. Availability of subdivisions (officials) responsible for development of the Quality plans and their execution and maintenance; 2. Availability of requirements determining their authority and responsibility. 3. Availability of procedures determining the order of development and approval of the Quality plans.	Availability or absence of the corresponding executive documents at the manufacturer shall be specified.	
2.4. System of identification and traceability of parts and assembly units (of the products).		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP, Quality guidelines and (or) the list of QMS procedures of the company and determining the procedure of identification and traceability of parts and assembly units (of the products) during production. 2. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure through the product under manufacture at the time of inspection.	To be specified: 1. Name and designation of the QMS procedures determining the order of identification and traceability of parts and assembly units during production. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability.	Meeting of minimum 3 (three) document requirements is checked. Number of parts and assembly units is minimum 5 (five).
3. Regulatory Documentation (RD)		
3.1 The Contractor shall be entitled to: Availability of accounted and corrected regulatory documents, including documents on safety in the sphere of		

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
atomic energy use.		
To be inspected: 1. Availability of a list of main legal acts and regulatory documents on safety in the sphere of atomic energy use. 2. Availability of the order on introduction of RD. 3. Completeness of RD at the manufacturer's subdivisions.	To be specified: 1. Availability and unavailability of the list of fundamental legal acts and normative documents on safety in the field of nuclear energy use. 2. Availability or unavailability of the order on introduction of RD. 3. Results of selective check of the subdivisions for availability of updated RD.	At least 3 (three) subdivisions shall be inspected. The report shall specify, what subdivisions were inspected.
3.2 Availability of a system of registration and amendment of regulatory documents.		
To be inspected: 1. Availability of QMS procedural documents, specified in QAP, quality Manual and (or) list of enterprise QMS procedures and defining the procedure of RD management, its accounting, storage, handling and introduction of amendments to it. 2. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of management of the RD and its registration, keeping, handling and amendment. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability.	
4. Design engineering. Detailed engineering documentation, TS/TA/TR and ITD.		
4.1. Availability of accounted and registered set of WCD, TS/TA and BDD.		
To be inspected: 1. Availability of the set of DED for the products. 2. Availability and agreement of ITD with the General designer of Akkuyu NPP and AKKUYU NÜKLEER ANONİM ŞİRKETİ. 3. Availability and concurrence of TS/TA with the General designer of the NPP and AKKUYU NÜKLEER ANONİM ŞİRKETİ. 4. Procedure and correctness of assigning DED	To be specified: 1. The fact of Availability/non-availability of the set of DED for the product (selective checked minimum 5 documents according to the assembly drawing specification for the product), name and designation of the supervised documents. 2. The RD name and designation. 3.List of the organizations that approved the DED (if required). 4. The fact of Availability/non-availability of ITD. Name and designation of ITD. Specific organizations that approved the ITD on the part of the General designer and the Customer (the "Customer"	Copy of Report on analysis/expert examination of WCD is enclosed to the Certificate. Copy of Report and schedule of development and submission of documentation, made on the absence of the full set of DED, is enclosed to the Certificate.

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
letter in conformity with GOST 2.103. 5. Availability of updated Report on DED analysis/expert review, documented by the Recognized organization is checked.	term may be used only with a detailed explanation). Number and dates of approval letters shall be provided. 5. Fact of Availability/non-availability of TS/TA. Name and notation of TS/TA. Specific organizations, concurring TS/TA from the part of General designer and Customer (use of the term "Customer" is allowed only with print name). Numbers and date of concurring letter are given. 6. Fact of Availability/non-availability of the procedure and correctness of assigning DED letter in conformity with GOST 2.103. 7. Fact of Availability/non-availability updated Report on analysis/expert review of DED for conformity to the requirements of the requirements of federal norms and regulations in the field of nuclear energy use, technical design of Akkuyu NPP, basic design documentation, TS/TA and RD, documented by the Authorized organization. If the full set of documents is not available then the Report specifying the deadlines and officials, responsible for the development and submission of DED is made. The Report prepared in the unavailability of the complete set of DED shall be developed by the manufacturer and signed by the management of the manufacturer and by the representative (representatives) who conducted the inspection (in case of agreement with the procedure described in the submitted Report). The Report shall establish the actual situation with the DED development and determine the possibility of commencement of manufacturing of products with an incomplete set of documents (for example, for prolonged manufacturing cycle products). The schedule of development and submission of documentation is submitted by the manufacturer.	
4.2. WCD and ToR/SoW independently developed by the manufacturer.		
To be inspected: 1. Availability of QMS procedural documents,	To be specified: 1. Name and designation of the QMS procedures determining the	To be filled in if the company has subdivisions engaged into

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
specified in QAP, quality manual and (or) list of enterprise QMS procedures and defining the procedure for development, concurrence, approval, commissioning, identification, accounting, making amendments, dispatches, storage and cancellation of DED. 2. Conformity of the procedure described in the QMS and QAP procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection. 3. Availability of the licensed software. 4. Availability of certification of software (tools) in accordance with the requirements of RD-03-33. 5. Subdivisions (departments, workshops, etc.) inspected for availability of the considered counterparts of DED.	procedure of development, agreement, approval, introduction into effect, identification, registration, amendment, forwarding, keeping and cancellation of the DED. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 3. The fact of Availability/non-availability of licensed software. 4. The fact of Availability/non-availability of certification of software (tools) in accordance with the requirements of RD-03-33. 5. The subdivisions responsible for observance of the procedure of work with the DED. 6. The subdivisions (departments, workshops, etc.) which were inspected for availability of accounted counterparts of DED.	development and execution of WCD. At least 5 (five) DED documents shall be inspected. At least two (2) subdivisions shall be inspected for availability of accounted counterparts of WCD.
4.3. DED and TS/TA developed by third-party organizations.		
To be inspected: 1. Availability of QMS procedural documents, specified in QAP, quality manual and (or) list of enterprise QMS procedures and defining the input control procedure (confirmation of conformity to the established requirements) for commissioning, identification, accounting, making amendments and storage of DED. 2. Conformity of the procedure described in the QMS and QAP procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of incoming control (confirmation of correspondence to the established requirements), introduction into effect, identification, registration, amendment and keeping of DED. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 3. The fact of Availability/non-availability of licensed software. 4. The subdivisions responsible for observance of the procedure of work with the DED. 5. The subdivisions (departments, workshops, etc.) which were inspected for availability of considered counterparts of DED and the	Special attention shall be paid to the following: 1. Issues of DED updating. 2. Availability of requirements to the interaction of the manufacturer and the DED developer in QAP and agreements. At least 5 (five) DED documents shall be inspected. At least 2 (two) subdivisions shall be inspected for availability of accounted counterparts of

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
3. Availability of the licensed software. 4. Subdivisions (departments, workshops, etc.) inspected for availability of accounted counterparts of DED.	results of such inspections. 6. Name and designation of the procedure (regulatory document and (or) contract) describing the order of designer supervision and support provided by the DED developer.	DED.
5. Manufacturing technology. Production process documentation.		
5.1. Availability of an considered and registered set of EMD.		
To be inspected: 1. Availability of the considered and registered set of EMD. Special attention shall be paid to availability of the following manufacturer's PTD: a) PTD for metal smelting and casting, thermal cutting, pressure shaping, welding, overlay welding and thermal treatment (if such operations are included into the products manufacturing technology). b) PTD for production of printed circuits, assembling and brazing of printed circuit boards, assembling and installation of instrumental and electrical products, continuity check, adjustment and performance testing, software weaving and checking (if such operations are included into the products manufacturing technology). 2. Availability in the EMD of requirements to the measuring tools, technological equipment and qualification of the production personnel. 3. Availability of concurrence with HMSO of the manufacturer's EMD for melting and pouring of metal, thermal cutting, pressure shaping, welding, surfacing and heat treatment (for product, on which the requirements of	To be specified: 1. Name and designation of the manufacturer's EMD. At least 3 documents shall be selectively inspected. If the products manufacturing technology includes metal smelting and casting, thermal cutting, pressure shaping, welding, overlay welding and thermal treatment, production of printed circuits, assembling and brazing of printed circuit boards, assembling and installation of instrumental and electrical products, continuity check, adjustment and performance testing, software weaving and checking, at least, 5 documents shall be selectively inspected. The fact of availability/absence in the PTD of requirements to the measuring tools, technological equipment and qualification of the production personnel. 2. Letter number, date and name of HMSO on concurrence of the manufacturer's EMD for melting and pouring metal, thermal cutting, pressure shaping, welding, surfacing and heat treatment or the fact of its unavailability; 3. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. The note shall also include the description and notation of EMD and part/assembly unit/item, through which the possibility of executing the technical process was controlled. 4. Fact of Availability/non-availability of the procedure and correctness of assigning letter to EMD in conformity with GOST 3.1102.	Letters (Reports) of the HMSO shall be attached to the Certificate. Copy of Report and schedule of development and submission of documentation, made on the absence of the full set of EMD, is enclosed to the Certificate. Minimum 5 (five) articles, parts and assembly units shall be tested.

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
PNAE G-7-008- 89 and availability of the given operations in the product manufacturing technology are applicable). 4. The possibility of performance by the manufacturer of one of the above-specified technological processes - metal smelting and casting, pressure shaping, welding, overlay welding and thermal treatment – in accordance with the available EMD through the example of a part/assembly unit of the controlled products or products of similar type - provided that such operations are included into the products manufacturing technology (control of availability of a material and technical base, personnel, possibility of performance of the operations specified in the EMD). 5. A manufacturer's ability to perform the technological process for assembling and/or manufacturing of the said products or products of similar type in accordance with the available EMD – provided that such operation is included into the products manufacturing technology (control of availability of a material and technical base, personnel, possibility of performance of the operations specified in the EMD). 6. The procedure and accuracy of letters assignment to the EMD pursuant to GOST 3.1102.	If the full set of documents is unavailable, then the Report is made specifying the deadlines and officials, responsible for the development and submission of EMD. The Report prepared in the unavailability of the complete set of EMD shall be developed by the manufacturer and signed by the management of the manufacturer and by the representative (representatives) who conducted the inspection (in case of agreement with the procedure described in the submitted Report). The Report shall establish the actual situation with the EMD development and determine the possibility of commencement of manufacturing of products with an incomplete set of documents (for example, for prolonged manufacturing cycle products). The manufacturer shall provide a schedule of development and submission of documentation.	
5.2. PTD developed by the manufacturer.		
To be inspected: 1. Availability of QMS procedural documents,	To be specified: 1. Name and designation of the QMS procedures determining the	

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
specified in QAP, quality manual and (or) list of enterprise QMS procedures and defining the procedure for development, maintenance, concurrence and updating of EMD. 2. Conformity of the procedure described in the QMS and QAP procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection. 3. Availability of process documents, defining the requirements for prevention, packing, transporting, loading, warehousing and storing of the product (if the given requirements are not stated in DED and (or_ agreements).	procedure of development, maintenance, agreement and updating of EMD. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 3. Name and designation of the QMS procedures determining the procedure of development, maintenance, agreement and updating of EMD.	
6. Manufacturing inspection. Production and control documentation.		
6.1. Availability of an considered and registered set of EDD.		
To be inspected: 1. Possibility of performance of the necessary testing techniques (destructive, non-destructive) performed by the manufacturer (or by a third-party organization). 2. Availability of manufacturer's EDD for non-destructive types of testing of welded joints and surfacing (if the product manufacturing technology involves such operations). 3. Availability of the Quality Control Programs. 4. Availability of approval of a Head Material Science Organization of the manufacturer's PCD for non-destructive methods of testing of welded joints and build-up surfaces (for	To be specified: 1. The testing techniques (destructive, non-destructive) performed by the manufacturer independently and directly in the production subdivisions (if the testing is performed with involvement of third-party organizations, a list of the involved organizations with indication of the types of testing performed by such organizations shall be provided) shall be specified. 2. Name and designation of the manufacturer's EDD for the non-destructive types of testing of welded connections and weld facings (if such operations are included into the products manufacturing technology). 3. Name and designation of the Quality Control program. 4. Number and date of a letter and the name of Head Material Science Organization with an approval of manufacturer's EDD for non-destructive methods of testing of welded joints and build-up surfaces (for products subjected to the requirements of PNAE G-7-010 and if	Letters (Reports) of the HMSO shall be attached to the Certificate. Copy of Report and schedule of development and submission of documentation, made on the absence of the full set of EDD, is enclosed to the Certificate. Minimum 5 (five) articles, parts and assembly units shall be tested. If the organization uses non-standard or special control techniques, availability of their approval by material and design organizations shall be inspected.

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
products subjected to the requirements of PNAE G-7-010 and if such operations are stipulated by the products manufacturing technology).	such operations are stipulated by the products manufacturing technology). 5. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. The report shall also contain description and indication of EDD and part/assembly unit/article being the example demonstrating ability of manufacturing process execution. If the full set of documents is unavailable, then the Report is made specifying the deadlines and officials, responsible for the development and submission of EDD. The Report prepared in the unavailability of the complete set of EDD shall be developed by the manufacturer and signed by the management of the manufacturer and by the representative (representatives) who conducted the inspection (in case of agreement with the procedure described in the submitted Report). The Report shall establish the actual situation with the EDD development and determine the possibility of commencement of manufacturing of products with an incomplete set of documents (for example, for prolonged manufacturing cycle products). The manufacturer shall provide a schedule of development and submission of documentation.	
6.2. EDD, developed by the manufacturer.		
To be inspected: 1. Availability of QMS procedural documents, specified in QAP, quality manual and (or) list of enterprise QMS procedures and defining the procedure for development, maintenance, concurrence and updating of EDD. 2. Conformity of the procedure described in the QMS and QAP procedures and in the	To be specified: 1.Name and designation of the QMS documents determining the procedure of development, maintenance, agreement and updating of EDD. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 3. Name and designation of the QMS documents determining the	Special attention shall be paid to the data and documents determining the nomenclature of the reporting documentation applied by the organization, including operation checking and procedure of execution of such documentation.

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Inspected issues	**Results of inspection**	**Note**
Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection.	procedure of development, maintenance, agreement and updating of EDD.	
6.3 Availability and accreditation of the laboratories.		
To be inspected: 1. The possibility of performance by the manufacturer's laboratory (if there are any) of non-destructive and destructive testing and control of the semi-finished goods and component items used during production of the products, as well as non-destructive and destructive testing and control of the products, according to the requirements of the CDCP (for manufacturers) and TS/TA. Availability and conditions of validity of an accreditation document and the scope of the accreditation. 2. Availability and validity terms of the document confirming accreditation and the scope of accreditation for external test centres and laboratories engaged in testing (non-destructive and destructive test) of semi-finished products and components used for the products manufacturing as well as of the products themselves.	To be specified: 1. A brief report of ability of a manufacturer's laboratory to conduct tests (non-destructive, destructive), trials pursuant to the requirements of TS/TA and a Certified Data Confirmation Program. Availability or non availability of a document confirming accreditation. Data on accreditation of the laboratories shall be provided with indication of the accreditation bodies. 2. Name of test centres and laboratories engaged, numbers of documents confirming Rosstandart accreditation for a respective activity, issue date, validity term, description of an authority issued a document confirming accreditation, number and date of the agreement for services to a manufacturer. Types of non-destructive and destructive tests and trials that may be conducted by test centres and laboratories engaged pursuant to the scope of accreditation and a brief report of their compliance and suitability to the requirements of TS/ TA and a Certified Data Confirmation Program. Data on accreditation of the laboratories shall be provided with indication of the accreditation bodies.	
7. Products testing. Testing documentation.		
7.1. Types of the tests performed by the manufacturer.		
The possibility of performance of the necessary types of tests shall be inspected.	The types of the tests (hand-over, acceptance, standard, periodical, etc.) performed by the organization independently and directly in the production subdivisions shall be specified. When performing tests with involvement of third-party organizations or personnel of third-party organizations, a list of the involved organizations shall be provided with indication of the types of tests	

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Inspected issues	**Results of inspection**	**Note**
	performed by such organizations.	
7.2. Procedure of launching of products into manufacture and testing documents.		
To be inspected: 1. Availability of documents determining the procedure of performance of tests. 2. Availability of standard and special test programs and procedures (TPP). 3. TPP compliance (pursuant to GOST R 15.201, GOST 15.005) with a project (design) organization and a Customer. 4. Availability of the certificates and reports of acceptance, qualification and periodical tests of the products. 5. Participation, according to the above-specified certificates and reports, in commissions in the process of performance of acceptance and qualification tests of representatives of the Customer and the Authorized organization. 6. The compliance of assigned product letter with the Certificates and reports mentioned above (prototype, pilot model, pilot batch, serial products); 7. Compliance of the list of performed tests and obtained results with the requirements of the RD, TS/TA and the Test Programs and Procedures. Correspondence of the interval between periodic tests to a 3-years period.	To be specified: 1. Documents determining the arrangement and procedure of performance of tests. 2. Name and designation of standard and special test programs and procedures (TPP). 3. Numbers of letters and dates of agreement of the TPP with a project (design) organization and the Customer or the fact of their unavailability. 4. Number and dates of the certificates and reports of acceptance and qualification tests and the name of the organization participating in the tests as a Customer, or the fact of their unavailability. 5. The assigned letter (pilot model, prototype, pilot batch, serial products) and its conformance/non-conformance to the available tests certificates. 6. A brief report of compliance/non-compliance of a list of tests conducted and the results obtained with the requirements of RD, TS/ TA and TPP.	
7.3. Availability of testing equipment (stands, installations). Certification systems.		
To be inspected: 1. Availability of testing equipment (stands, installations).	To be specified: 1. Name and designation of the testing equipment (stands, installations).	At least three (3) testing equipment units shall be inspected.

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Inspected issues	**Results of inspection**	**Note**
2. Availability of the QMS procedural documents specified in the QAP, Quality guidelines and (or) list of QMS procedures of the company and describing the procedure of certification of test equipment and the procedure of interaction with third-party test laboratories (if there are any). 3. Availability of schedules of test equipment certification and Equipment certification techniques. 4. Availability and techniques of registration and keeping of the reports. 5. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure through the product under manufacture at the time of inspection.	2. Name and designation of the QMS procedures describing the procedure of certification of test equipment and the procedure of interaction with third-party test laboratories (if there are any). 3. Name and designation of the schedules of test equipment certification and Equipment certification techniques. For this purpose, the certification timeliness shall be indicated. 4. Name and designation of the document describing the procedure of registration and keeping of reports. 5. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability.	
8. Selection and assessment of the Suppliers. Procedures of the Compliance Assessment of the purchases, incoming control, storage and start-up production of components, materials or semi-finished products.		
8.1. Qualification and assessment of the Suppliers.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP, Quality guidelines and (or) list of QMS procedures of the company and describing the procedure of assessment and selection of suppliers (subcontractors – manufacturers) of purchased components, materials and semi-finished products. 2. Conformity of the procedure described in the QMS and QAP procedures and in the Quality guidelines to the actual order through	To be specified: 1. Name and designation of the QMS procedures determining the procedure of assessment and selection of the Subcontractors – manufacturers of purchased components, materials and semi-finished products. 2. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 3. Availability / non-availability of a register (list) of the approved Suppliers (with indication of the date of commencement of cooperation with the supplier and of the supplier's quality system licenses and certificates).	

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Inspected issues	**Results of inspection**	**Note**
the example of the products in production at the moment of conduction of the inspection. 3. Availability of a register (list) of the approved Suppliers (with indication of the date of commencement of cooperation with the supplier and of the supplier's quality system licenses and certificates). 4. Performance of audits of the Suppliers and regularity of such audits (audit results shall be submitted).	4. Performance/ non-performance of audits of the Suppliers and regularity of such audits. The example is given: a Supplier's name, date of the audit performance and the result shall be provided.	
8.2. Incoming inspection performance.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP, Quality guidelines and (or) list of QMS procedures of the company and describing the procedure of performance of incoming inspection of the components, materials and semi-finished goods used in the process of manufacturing of the products in respect of which the inspection is performed. 2. Availability of developed in accordance with the GOST 24297 lists of the components, materials and semi-finished products subject to incoming inspection, which are used in the process of manufacturing of the products in respect of which the inspection is performed or of the procedural documents containing standard programs of incoming control performance and other sections in accordance with the item 5.6 of the GOST 24297. 3. Availability of a reporting document (log,	To be specified: 1. Name and designation of the QMS procedures describing the procedure of performance of incoming inspection of purchased components, materials and semi-finished products. 2. Name and designation of the lists of the components, materials and semi-finished products subject to incoming inspection, which are used in the process of manufacturing of the products in respect of which the inspection is performed or of the procedural documents containing standard programs of incoming inspection performance and other sections in accordance with the GOST 24297 (item 5.6). 3. Name and designation of the reporting document registering the incoming inspection results. 4. Name and designation of the CDCP, date and number of the order on introduction into effect, number and date of the letter and name of the TPP approving the CDCP. A brief note on the identified issues regarding the content of CDCP or the indication of absence thereof. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 5. Brief note of the deviations identified in the process of inspection of the actual order of registration and initial inspections in the process	Special attention shall be paid to the availability of the approved procedure of issuance of components, materials and semi-finished goods for production and execution of the corresponding documents (protocols, journals, opinions) confirming the quality of performance of control. Not less than five (5) semi-finished goods and purchased component items shall be inspected.

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Inspected issues	**Results of inspection**	**Note**
etc.) kept by the company and registering the incoming inspection results. 4. Availability of a CDCP (Certification Data Confirmation Program) agreed with the HMSO (the Program shall include a list of tests for the given semi-finished goods, a procedure of sample taking and manufacturing of samples, a form of the Sample Collection Report with the participation of a representative of the AO) – in case of purchases of semi-finished products from an non-official dealer. 5. The actual procedure for registration and initial inspections in the process of receipt and issuance of semi-finished goods and purchased component items for production and their compliance with the procedural documents of the QMS and QAP, the Quality guidelines through the example of the products in production at the moment of conduction of the inspection or earlier manufactured products.	of receipt and issuance of semi-finished goods and purchased component items for production and their compliance with the procedural documents of the QMS, QAP and Quality guidelines.	
8.3. Provision of conditions of warehouse storage of production and products		
Selective inspection of subdivisions for availability of the conditions required for products storage shall be performed.	Results of the inspection shall be indicated.	At least 5 (five) units of products and (or) items shall be inspected.
8.4. Availability of decisions on application of imported equipment, components, semi-finished products and materials (if imported products are used).		
Availability of decisions on application of imported equipment, components, semi-finished products and materials, in force at the time of the inspection and related to the subject of the inspection, shall be inspected.	The list of the resolutions on application of imported equipment, components, semi-finished products and materials, in force at the time of the inspection and related to the subject of the inspection, shall be specified. Validity periods of the resolutions shall be indicated.	If the application resolutions for specific (for a specific Quality plan) products are in the execution stage, their availability shall be inspected in the process of performance of incoming

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Inspected issues	**Results of inspection**	**Note**
		control of the equipment, components, semi-finished goods and materials, according to the corresponding Quality plan benchmark.
9. Technological and manufacturing capacities for production of the declared products		
9.1. Types of works independently performed by the manufacturer.		
To be inspected: 1. Availability of subdivisions (workshops, departments, etc.) and equipment required for performance of inspection and process operations.	To be specified: 1. Availability/non-availability of subdivisions (workshops, departments, etc.) and equipment required for performance of inspection and process operations. The list of subdivisions and types of their works. The number and date of the order on introduction into effect of the manufacturer's organization structure or designation of the QMS procedure containing such organization structure.	A copy of the current organization structure of the manufacturer shall be attached to the Certificate. Special attention shall be paid to availability of metal-cutting, press-forging, foundry and heat-treatment equipment.
9.2. List of organizations being engaged into performance of process operations.		
To be inspected: 1. Availability of third-party organizations being engaged into performance of process operations. 2. Availability of a regulatory document specifying requirements to the involved third-party organizations.	To be specified: 1. List of organizations being engaged into performance of process operations. 2. Services related to manufacturing and inspection of products and provided by the involved organizations are listed. 3. Name and designation of the document specifying requirements to the involved third-party organizations.	
9.3. Equipment maintenance and repair systems		
To be inspected: 1. Availability of QMS procedural documents specified in the QAP, Quality guidelines and (or) list of QMS procedures of the company and describing the organization and procedure of maintenance and repair of processing equipment.	To be specified: 1. Name and designation of the QMS procedures describing the organization and procedure of maintenance and repair of processing equipment. 2. Name and designation of the QMS procedures determining the procedure of inspection of manufacturing accuracy of metal-cutting, press-forging and foundry equipment.	At least five (5) types of equipment shall be inspected.

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Inspected issues	**Results of inspection**	**Note**
2. Availability of procedural QMS documents specified in the Guidelines and (or) the list of QMS procedures of the company and defining the procedure of inspection of manufacturing accuracy of metal-cutting, press-forging, foundry and heat-treatment equipment (if product manufacturing involves operations performed using such equipment) and compliance of such procedural QMS documents with the requirements of RD 24.022.09. 3. Availability of schedules of repairs and inspections of manufacturing accuracy of the equipment. 4. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure through the product under manufacture at the time of inspection.	3. Name and designation of schedules of inspections of manufacturing accuracy of the equipment and of instruction sheets, number and date of the orders on their approval, number and date of the Inspection reports. For this purpose, the timeliness of performance of the inspection shall be indicated. 4. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability.	
10. Availability of experts and workers able to perform the declared type of the works		
10.1. 1. Availability of qualified experts and workers able to perform the declared type of the works		
To be inspected: availability in the manufacturer's structural subdivisions of personnel developing the DED, EMD and EDD and performing process operations and quality control (QCD, laboratories, etc.).	To be specified: The manufacturer shall provide data (in form of a certificate) on availability in the company's structural subdivisions of personnel developing the WDD, PDD, and EDD, manufacturing products and controlling quality (Quality Control Department (QCD), laboratories, etc.). The certificate shall obligatorily contain information about qualification certificates of welders, controllers and NDT inspectors (if such operations are a part of the technological process of the products manufacturing): a) numbers and validity periods of the qualification certificates; b) names of the Bodies that issued the qualification certificates; c) scope of the qualification certificates.	The certificate shall be attached to the Report.

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Inspected issues	**Results of inspection**	**Note**
	If the manufacturer engages third-party experts who are properly qualified for performance of welding (overlaying welding) and destructive and non-destructive testing operations, the numbers and dates of their contracting agreement and the following data on their certification must be provided: a) numbers and validity periods of the qualification certificates; b) names of the Bodies that issued the qualification certificates; c) scope of the qualification certificates.	
10.2. Availability of a system of personnel qualification maintenance and personnel certification and admission to works, as well as inspection of the managers, experts and workers with regard to their knowledge of the regulatory documents requirements related to construction and production of the declared products.		
To be inspected: 1. Availability of the QMS procedural documents specified in the Guidelines and (or) list of QMS procedures of the company and determining the procedure for training and testing of the personnel involved into production and testing of products for the NPP for the knowledge of the RD in the sphere of nuclear energy use. 2. Availability of prepared lists of RD in the sphere of nuclear energy use, which the personnel must obligatorily know. Availability of questions and/or knowledge test cards. 3. Availability of plans and programs of training and testing of the personnel involved into production and testing of products for the knowledge of the RD in the sphere of nuclear energy use. 4. Availability of schedules of certification of welders, controllers and NDT inspectors. 5. Availability of the documents (reports, etc.)	To be specified: 1. Name and designation of the QMS procedures determining the order of training and inspection of RD knowledge by personnel. 2. Name and designation of the lists of RD in the sphere of nuclear energy use, which the personnel must obligatorily know. The fact of availability/absence of questions and (or) knowledge test cards. 3. Numbers of the plans and programs of training and testing of the personnel for the knowledge of the RD in the sphere of nuclear energy use. Number and date of the order on their approval. 4. Name and designation of the schedules of certification of welders, controllers and NDT inspectors, numbers and dates of the procedure for their approval, numbers and dates of the Inspection reports. For this purpose, the certification timeliness shall be indicated. 5. Number and date of the documents (reports, etc.) confirming the performed inspection of the personnel for the RD knowledge. 6. Compliance/non-compliance of the qualification certificates of welders, controllers and NDT inspectors with the RD requirements. At least 10 (ten) qualification certificates shall be inspected. 7. Brief note on the comments found during the check of the procedure, specified in QMS, QAP procedures, quality Manual, and actual procedure or specification of their absence.	The manufacturer shall provide data (in form of a certificate) on availability in the company's structural subdivisions of personnel developing the WDD, PDD, and EDD, manufacturing products and controlling quality (Quality Control Department (QCD), laboratories, etc.). This note is attached to the Certificate. A plan of technical education and advanced training of personnel shall be provided.

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Inspected issues	**Results of inspection**	**Note**
confirming the performed inspection of the personnel involved into production and (or) testing of products for the knowledge of the RD in the sphere of nuclear energy use. 6. Conformity of the qualification certificates of welders, controllers and NDT inspectors to the RD requirements. 7. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure through the product under manufacture at the time of inspection.	If the certification was independently performed by the manufacturer, the body that issued a permit for the work of the certification commission shall be specified.	
11. The manufacturer's production operations metrology support		
11.1. Production operations metrological support systems.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP and the Quality guidelines and/or the list of QMS procedures of the company and describing the organization of the production operations metrological support system, including keeping of measuring tools and their provision for work and inspection/calibration. Availability of schedules of inspection/calibration of standards, measuring tools and control equipment. 3. Availability of certificates of inspection/calibration for the standards, measuring tools and control equipment. 4. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure through the product under manufacture at the time of inspection.	To be specified: 1. Name and designation of the QMS procedures describing the organization of the production operations metrological support system, including keeping of measuring tools and their provision for work and inspection/calibration. 2. Name and designation of the schedules of inspection/calibration of standards, measuring tools and control equipment, numbers and dates of the orders on their approval, numbers and dates of the certificates of inspection/calibration. For this purpose, the timeliness of performance of the inspection shall be indicated. 3. Availability/non-availability of certificates of inspection/calibration for the sample-inspected standards, measuring tools and control equipment. 4. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability.	At least ten (10) types of measuring tools shall be inspected.

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Inspected issues	**Results of inspection**	**Note**
11.2. Accreditation for the right of inspection of measuring tools (certificate).		
To be inspected: Availability and scope of accreditation of testing laboratories of the manufacturer or engaged third-party organizations.	To be specified: 1. Accreditation certificate number. 2. The name of the body that issued the certificate shall be specified (in case of involvement of third-party organizations, the name of the involved organization and the number and date of the contract for provision of services to the manufacturer shall be additionally specified).	
12. System of registration and analysis of claims (complaints) for the quality of equipment, component parts and/or semi-finished goods, availability of processes for liquidation of revealed defects during manufacturing or installation, as well as for adoption of measures to prevent their future occurrence.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP and the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of registration and analysis of claims and complaints in respect of the products earlier delivered for the NPP. 2. Availability of claims (complaints) for the quality of the manufacturer's products delivered for the NPP or other NPPs of the Russian Federation or other countries. 3. Availability of documentation (logs, reports, certificates, etc.) enabling establishment of the facts and the regularity of receipt of complaints about the products at the incoming inspection stage at the NPP (correspondence regarding the analysis of such objections with a purpose of their future prevention). 4. Availability of the QMS procedural documents specified in the QAP and the	To be specified: 1. Name and designation of the QMS procedures determining the procedure of registration and analysis of claims and complaints in respect of the products earlier delivered for the NPP. 2. Availability/non-availability of documentation (logs, reports, certificates, etc.) enabling establishment of the facts and the regularity of receipt of complaints about the products at the incoming control stage at the NPP. 3. Availability/non-availability of claims (complaints) for the quality of the manufacturer's products delivered for the NPP or other NPPs of the Russian Federation or other countries, in form of a note. 4. Name and designation of the QMS procedures determining the internal audits procedure. 5. Availability/non-availability of internal audits schedules. 6. Availability/non-availability of Certificates based on the audit results, corrective actions plans, results of inspection of their implementation, etc. 7. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. 8. Brief note on the identified comments during the inspection of the	If there are any claims (complaints) for the quality of the manufacturer's products delivered for the NPP or other NPPs of the Russian Federation or other countries, a corresponding certificate shall be executed and attached to the Report.

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Inspected issues	**Results of inspection**	**Note**
Quality guidelines and/or the list of QMS procedures of the company and determining the internal audits procedure. 5. Availability of internal audit schedules. 6. Availability of the Reports based on the audit results, corrective actions plans, results of inspection of their implementation, etc. 7. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure. 8. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, to the requirements of GD.AKU.8.3-02-02-0051.	compliance of the QMS procedures with the requirements of GD.AKU.8.3-02-02-0051.	
13. Non-conformities management. System of management of non-conformities in the process of manufacturing of products.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP and the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of identification and registration of nonconformities established in respect of the products manufactured for "Akkuyu" NPP, analysis of the reason of their occurrence and development and adoption of corrective measures. 2. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure. 3. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual to the requirements of GD.AKU.8.3-02-02-0051.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of identification and registration of nonconformities established in respect of the products manufactured for Akkuyu NPP, analysis of the reason of their occurrence and adoption of corrective measures. 2. Brief note on the comments identified in the process of inspection of the order described in the QMS and QAP procedures and in the Guidelines and the actual order or an indication of absence of such comments. - a short certificate of the deviations identified in the process of inspection of correspondence of the QMS procedures to the requirements of the Customer's nonconformities management standard. 3. Brief note on the identified comments during the inspection of the compliance of the QMS procedures with the requirements of GD.AKU.8.3-02-02-0051.	Special attention shall be paid to the procedure of management of the nonconforming products, the procedure of development of preventive and corrective measures and the procedure of identification of the reasons of occurrence of the nonconforming products.

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Inspected issues	**Results of inspection**	**Note**
14. Contractual activity. Arrangement of contractual activity.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP and the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of carrying out of contractual activity, in particular, regarding the issues of agreement of DED, EMD and quality documents, participation in tests and quality control, etc. 2. Conformity of the procedure, specified in QMS and QAP procedures, quality Manual, actual procedure. 3. Availability of agreements with Subcontractors.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of carrying out of contractual activity, in particular, regarding the issues of agreement of DED, EDD and quality documents, participation in tests and quality control, etc. 2. Brief note on the comments identified in the process of inspection of the order described in the QMS and QAP procedures and in the Guidelines and the actual order or an indication of absence of such comments. 3. Numbers and dates of the agreements with Subcontractors, with description of the provided services (provided that they were not specified in the above-stated inspection results).	Special attention shall be paid to availability in contracts with customers and subcontractors of requirements to the quality of delivered equipment and participation of the company in agreement and inspection of observance of the QAP requirements by sub-suppliers and subcontractors.

Appendix No. 5
(obligatory)

Format and the minimal scope for the imported products Manufacturer Production Readiness Inspection prior the start of manufacturing of the products for Akkuyu NPP

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
1. Licensed activities, product certification activities, availability of NRA certificates (approvals).		
1.1. Availability of licenses for types of activity with the manufacturer, area of their validity and conditions.		
Availability, correspondence of the validity periods, scope and conditions of validity of national authorization documents – if their availability is provided for by the statutory and regulatory enactments of the manufacturer's country – shall be inspected. If the manufacturer uses (or plans to use) the DED developed by a third-party organization, availability and correspondence of the conditions of validity of national authorization documents – if their availability is provided for by the statutory and regulatory enactments of the manufacturer's country – shall be inspected. Availability of the corresponding contract for rendering the given services.	To be specified: 1. Numbers of national permits for the right to design and (or) manufacture production (products) for nuclear facilities with the validity terms. 2. Name and form of incorporation of DED developer (if the manufacturer uses DED developed by third-party organization).	Copies of national authorization documents with the conditions of their validity shall be attached to the Certificate.
1.2. Availability of the certificates of conformity for the manufactured product with the organization in the system of mandatory certification, area of their distribution and conditions.		
Availability and correspondence of the scope and conditions of validity of certificates for the manufactured types of products shall be inspected.	It shall be specified, whether the compulsory certification requirements apply to the manufactured products. If the products are subject to compulsory certification in the system, data on the issued certificates shall be provided with indication of their validity periods, the name of the certification body that issued the certificate and the number of its accreditation certificate.	If compulsory certification of the products is not envisaged, the "certification is not envisaged" note shall be made. If the products are subject to certification, but certificates are not indicated in the report, a corresponding entry shall be

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Inspected issues	**Results of inspection**	**Note**
		made. Copies of the certificates with the conditions of their validity shall be attached to the Report.
1.3 Availability of the appropriate certificate (approval) of the NRA and the NRA supervision plan.		
To be inspected: 1. Availability, in compliance with the scope and conditions of action, of the corresponding certificates (approval) of the NRA. 2. Availability of the NRA supervision plan.	To be specified: 1. Number and date of the certificate (approval) of the NRA. 2. Number and date of the NRA supervision plan.	A copy of the Certificate (agreement) of the NRA, attached to the Certificate.
2. Quality assurance activities.		
2.1. Functioning of a documented quality management system (QMS)		
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of development, agreement, approval, carrying into effect, identification, registration, amendment, forwarding, keeping and cancellation of the QMS documents. 2. Correspondence of the procedure of development, agreement, approval, carrying into effect, identification, registration, amendment, forwarding, keeping and cancellation of the QMS documents, as described in the QMS procedures and in the Quality guidelines, to the actual order through the example of the procedural documents included into the sphere of the inspection.	To be specified: 1. Name and designation of the quality guidelines 2. Name and number of the list of the manufacturer's QMS procedures or a note confirming that the Quality guidelines contain such list. 3. Specific organizations that approved the quality guidelines (the "customer" term may be used only with a detailed explanation). 4. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order (with indication of the names of the documents used as an example for conduction of the inspection) or an indication of absence of such comments.	The list of the QMS procedures shall be attached to the Report. Fulfilment of at least five (5) requirements of the document shall be inspected. The number of the documents shall be equal to at least three (3).
2.2. Availability of certification of the quality management system (QMS)		
Availability of the documents confirming the	To be specified:	

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
QMS certification shall be inspected.	1. The organization that issued the Certificate. 2. Number and validity period of the Certificate.	
2.3. If under terms of screen fixing, finned tubes have the possibility to deform, then stresses defined in cl. Development of the Quality Plans.		
To be inspected: 1. Availability of subdivisions (officials) responsible for development of the Quality plans and their execution and maintenance; 2. Availability of requirements determining their authority and responsibility. 3. Availability of procedures determining the order of development and approval of the Quality plans.	Availability or absence of the corresponding executive documents at the manufacturer shall be specified.	
2.4. System of identification and traceability of parts and assembly units (of the products).		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP, Quality guidelines and (or) the list of QMS procedures of the company and determining the procedure of identification and traceability of parts and assembly units (of the products) during production. 2. Correspondence of the order described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection.	To be specified: 1. Name and designation of the QMS procedures determining the procedure for identification and traceability of parts and assembly units during production. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments.	Meeting of minimum 3 (three) document requirements is checked. Number of parts and assembly units is minimum 5 (five).
3. Regulatory documentation (RD).		
3.1 The Contractor shall be entitled to: Availability of accounted and corrected regulatory documents, including documents on safety in the sphere of atomic energy use.		
To be inspected: 1. Availability of a list of main legal acts and regulatory documents on safety in the sphere of	To be specified: 1. Availability/non-availability of the list of main legal acts and regulatory documents on safety in the sphere of atomic energy use.	At least 3 (three) subdivisions shall be inspected. The report shall specify, what

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Inspected issues	**Results of inspection**	**Note**
atomic energy use. 2. Availability of the order on introduction of RD. 3. Availability of RD of the Russian Federation, translated into the language of the manufacturer's country, if there are references to them in the DED, base metal and welded connections (weld facings) control tables, test programs and procedures, TS/TA, TT. 4. Completeness of RD at the manufacturer's subdivisions.	2. Availability/non-availability of the order on introduction of RD. 3. Availability/non-availability of RD of the RF, translated into the language of the manufacturer's country. 4. Results of selective inspection of the subdivisions for availability of updated RD.	subdivisions were inspected.
3.2 Availability of a system of registration and amendment of regulatory documents.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP, Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of management of the RD and its registration, keeping, handling and amendment. 2. Conformity of the order described in the QMS and QAP procedures and in the Quality guidelines to the actual procedure.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of management of the RD and its registration, keeping, handling and amendment. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments.	
4. Design engineering. Detailed engineering documentation, TS/TA/TR and ITD.		
4.1. Availability of an accounted and registered set of ToR/SoW/TS and ETD.		
To be inspected: 1. Availability of the set of DED for the products. 2. Availability and agreement of ITD with the General designer of the NPP and AKKUYU NÜKLEER ANONİM ŞİRKETİ.3. Availability and agreement of TS/TA/TT with the General	To be specified: 1. The fact of availability/absence of a set of RD for the products (not less than 5 documents shall be selectively inspected according to the specification (list) of the assembly drawing for the product (products), name and designation of the controlled documents. 2. The RD name and designation. 3.List of the organizations that approved the DED (if required).	A copy of the Opinion on the expertise of WCD shall be attached to the Report. Copy of Report and schedule of development and submission of documentation, made on the absence of the full

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Inspected issues	**Results of inspection**	**Note**
designer of the NPP and AKKUYU NÜKLEER ANONİM ŞİRKETİ. 4. Availability in the DED, ITD, TS/TA/TT of references to the RD of the Russian Federation. 5. Availability of an actual Report on the expert review of DED, executed by the Authorized organization, shall be inspected.	4. The fact of Availability/non-availability of ITD. Name and designation of ITD. Specific organizations that approved the ITD on the part of the General designer and the Customer (the "Customer" term may be used only with a detailed explanation). Number and dates of approval letters shall be provided. 5. Fact of Availability/non-availability of TS/TA/TT. Name and designation of ToR/SoW/TS. Specific organizations that approved the ToR/SoW/TS on the part of the General designer and the Customer (the "Customer" term may be used only with a detailed explanation). Number and dates of approval letters shall be provided. 6.A list of the RD of the RF, references to which are given in the WCD, ETD, ToR/SoW/TS. 7. Availability/non-availability of an actual Report on the expert review of DED for correspondence of the basic specifications, TS/TA and RD executed by the Designated organization to the requirements of the federal standards and rules in the sphere of atomic energy use and the technical project of the NPP. If the full set of documents is not available then the Report specifying the deadlines and officials, responsible for the development and submission of DED is made. The Report prepared in the unavailability of the complete set of DED shall be developed by the manufacturer and signed by the management of the manufacturer and by the representative (representatives) who conducted the inspection (in case of agreement with the procedure described in the submitted Report). The Report shall establish the actual situation with the DED development and determine the possibility of commencement of manufacturing of products with an incomplete set of documents (for example, for prolonged manufacturing cycle products). The manufacturer shall provide a schedule of development and submission of documentation.	set of DED, is enclosed to the Certificate.
4.2. DED and TS/TA/TT and ITD independently developed by the manufacturer.		

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Inspected issues	**Results of inspection**	**Note**
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of development, agreement, approval, carrying into effect, identification, registration, amendment, forwarding, keeping and cancellation of the DED. 2. Conformity of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection. 3. Availability of the licensed software. 4. Subdivisions (departments, workshops, etc.) inspected for availability of accounted counterparts of DED.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of development, agreement, approval, introduction into effect, identification, registration, amendment, forwarding, keeping and cancellation of the DED. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments. 3. The fact of Availability/non-availability of licensed software. 4. The subdivisions responsible for observance of the procedure of work with the DED. 5. The subdivisions (departments, workshops, etc.) which were inspected for availability of accounted counterparts of DED.	To be filled in if the company has subdivisions engaged into development and execution of WCD. At least 5 (five) DED documents shall be inspected. At least two (2) subdivisions shall be inspected for availability of accounted counterparts of WCD.
4.3. DED and TS/TR/TT developed by third-party organizations.		
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of incoming inspection (confirmation of correspondence to the established requirements), carrying into effect, identification, registration, amendment and keeping of DED. 2. Conformity of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of	To be specified: 1. Name and designation of the QMS procedures determining the procedure of incoming control (confirmation of correspondence to the established requirements), introduction into effect, identification, registration, amendment and keeping of DED. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments. 3. The fact of Availability/non-availability of licensed software. 4. The subdivisions responsible for observance of the procedure of work with the DED. 5. The subdivisions (departments, workshops, etc.) which were	Special attention shall be paid to the following: 1. Issues of DED updating. 2. Availability of requirements to the interaction of the manufacturer and the DED developer in QAP and agreements. At least 5 (five) DED documents shall be inspected. At least 2 (two) subdivisions shall be inspected for availability of accounted

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Inspected issues	**Results of inspection**	**Note**
conduction of the inspection. 3. Availability of the licensed software. 4. Subdivisions (departments, workshops, etc.) inspected for availability of accounted counterparts of DED.	inspected for availability of considered counterparts of DED and the results of such inspections. 6. Name and designation of the procedure (regulatory document and (or) contract) describing the order of designer supervision and support provided by the DED developer.	counterparts of DED.
5. Manufacturing technology. Production process documentation.		
5.1. Availability of an considered and registered set of EMD.		
To be inspected: 1. Availability of the considered and registered set of EMD. Special attention shall be paid to availability of the following manufacturer's PTD: a) PTD for metal smelting and casting, thermal cutting, pressure shaping, welding, overlay welding and thermal treatment (if such operations are included into the products manufacturing technology). b) PTD for production of printed circuits, assembling and brazing of printed circuit boards, assembling and installation of instrumental and electrical products, continuity check, adjustment and performance testing, software weaving and checking (if such operations are included into the products manufacturing technology). 2. Availability in the EMD of requirements to the measuring tools, technological equipment and qualification of the production personnel. 3. Availability of the HMSO Report on the compliance of the manufacturer's EMD for melting and pouring of metal, thermal cutting, pressure shaping, welding, surfacing and heat treatment (for product, on which the	To be specified: 1. Name and designation of the manufacturer's EMD. At least 3 documents shall be selectively inspected. If the products manufacturing technology includes metal smelting and casting, thermal cutting, pressure shaping, welding, overlay welding and thermal treatment, production of printed circuits, assembling and brazing of printed circuit boards, assembling and installation of instrumental and electrical products, continuity check, adjustment and performance testing, software weaving and checking, at least, 5 documents shall be selectively inspected. The fact of availability/absence in the PTD of requirements to the measuring tools, technological equipment and qualification of the production personnel. 2. Number and date of the letter (Report) and name of the HMSO on correspondence of the manufacturer's EMD for metal smelting and casting, thermal cutting, pressure shaping, welding, overlay welding and thermal treatment to the requirements of the RD of the RF or the fact of absence of such correspondence; 3. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. The note shall also include the description and notation of EMD and part/assembly unit/item, through which the possibility of executing the technical process was controlled. If the full set of documents is unavailable, then the Report is made	Letters (Reports) of the HMSO shall be attached to the Certificate. Copy of Report and schedule of development and submission of documentation, made on the absence of the full set of EMD, is enclosed to the Certificate. Minimum 5 (five) articles, parts and assembly units shall be tested.

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Inspected issues	**Results of inspection**	**Note**
requirements of PNAE G-7-008- 89 and availability of the given operations in the product manufacturing technology are applicable) with the requirements of RD of the Russian Federation. 4. The possibility of performance by the manufacturer of one of the above-specified technological processes - metal smelting and casting, pressure shaping, welding, overlay welding and thermal treatment – in accordance with the available EMD through the example of a part/assembly unit of the controlled products or products of similar type - provided that such operations are included into the products manufacturing technology (control of availability of a material and technical base, personnel, possibility of performance of the operations specified in the EMD). 5. A manufacturer's ability to perform the technological process for assembling and/or manufacturing of the said products or products of similar type in accordance with the available EMD – provided that such operation is included into the products manufacturing technology (control of availability of a material and technical base, personnel, possibility of performance of the operations specified in the EMD).	specifying the deadlines and officials, responsible for the development and submission of EMD. The Report prepared in the unavailability of the complete set of EMD shall be developed by the manufacturer and signed by the management of the manufacturer and by the representative (representatives) who conducted the inspection (in case of agreement with the procedure described in the submitted Report). The Report shall establish the actual situation with the EMD development and determine the possibility of commencement of manufacturing of products with an incomplete set of documents (for example, for prolonged manufacturing cycle products). The manufacturer shall provide a schedule of development and submission of documentation.	
5.2. PTD developed by the manufacturer.		
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines	To be specified: 1. Name and designation of the QMS procedures determining the procedure of development, maintenance, agreement and updating of	

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Inspected issues	**Results of inspection**	**Note**
and/or the list of QMS procedures of the company and determining the procedure of development, maintenance, agreement and updating of EMD. 2. Conformity of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection. 3. Availability of process documents, defining the requirements for prevention, packing, transporting, loading, warehousing and storing of the product (if the given requirements are not stated in DED and (or_ agreements).	EMD. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments. 3. Name and designation of the QMS procedures determining the procedure of development, maintenance, agreement and updating of EMD.	
6. Manufacturing inspection. Production and control documentation.		
6.1. Availability of an considered and registered set of EDD.		
To be inspected: 1. Possibility of performance of the necessary testing techniques (destructive, non-destructive) performed by the manufacturer (or by a third-party organization). 2. Availability of manufacturer's EDD for non-destructive types of testing of welded joints and surfacing (if the product manufacturing technology involves such operations). 3. Availability of the Quality Control Programs. 4. Availability of an Report of the HMSO on correspondence of the non-destructive testing techniques used by the manufacturer to the techniques provided for by the Federal rules and regulations and other RD of the RF (if the technology of manufacturing of the products	To be specified: 1. The testing techniques (destructive, non-destructive) performed by the manufacturer independently and directly in the production subdivisions (if the testing is performed with involvement of third-party organizations, a list of the involved organizations with indication of the types of testing performed by such organizations shall be provided) shall be specified. 2. Name and designation of the manufacturer's EDD for the non-destructive types of testing of welded connections and weld facings (if such operations are included into the products manufacturing technology). 3. Name and designation of the Quality Control program. 4. Number and date of the letter (Report) of the HMSO on correspondence of the non-destructive testing techniques used by the manufacturer to the techniques provided for by the Federal rules and regulations and other RD of the RF.	A copy of the letter (Report) of the HMSO shall be attached to the Report. Copy of Report and schedule of development and submission of documentation, made on the absence of the full set of EDD, is enclosed to the Certificate. Minimum 5 (five) articles, parts and assembly units shall be tested. If the organization uses non-standard or special control techniques, availability of their approval by material and

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Inspected issues	**Results of inspection**	**Note**
regulated by the requirements of the PNAEG-7-10 and the NP-043 includes operations on welded connections and weld surfacings control).	5. Brief note on comments found during inspection of the procedure, specified in QMS, QAS, quality Manual, and actual procedure or indication of comments unavailability. The report shall also contain description and indication of EDD and part/assembly unit/article being the example demonstrating ability of manufacturing process execution. If the full set of documents is unavailable, then the Report is made specifying the deadlines and officials, responsible for the development and submission of EDD. The Report prepared in the unavailability of the complete set of EDD shall be developed by the manufacturer and signed by the management of the manufacturer and by the representative (representatives) who conducted the inspection (in case of agreement with the procedure described in the submitted Report). The Report shall establish the actual situation with the EDD development and determine the possibility of commencement of manufacturing of products with an incomplete set of documents (for example, for prolonged manufacturing cycle products). The schedule of development and submission of documentation is submitted by the manufacturer.	design organizations shall be inspected.
6.2. EDD, developed by the manufacturer.		
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of development, maintenance, agreement and updating of EDD. 2. Conformity of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of	To be specified: 1.Name and designation of the QMS documents determining the procedure of development, maintenance, agreement and updating of EDD. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments. 3. Name and designation of the QMS documents determining the procedure of development, maintenance, agreement and updating of EDD.	Special attention shall be paid to the data and documents determining the nomenclature of the reporting documentation applied by the organization, including operation checking and procedure of execution of such documentation.

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Inspected issues	**Results of inspection**	**Note**
conduction of the inspection.		
6.3 Availability and accreditation of the laboratories.		
To be inspected: 1. The possibility of performance by the manufacturer's laboratory (if there are any) of non-destructive and destructive testing and control of the semi-finished products and components used during production of the products, as well as non-destructive and destructive testing and control of the products, according to the requirements of the CDCP (or similar programs) and TS/TA/TT. Availability and conditions of validity of an accreditation document and the scope of the accreditation. 2. Availability and conditions of validity of an accreditation (certification) document, scope of accreditation (certification) for third-party testing centres and laboratories involved into performance of tests (non-destructive and destructive testing) in respect of the semi-finished products and components used during production of the products, as well as in respect of the products.	To be specified: 1. Brief note on the possibility of performance by the manufacturer's laboratory of control and testing (destructive, non-destructive) according to the requirements of the TS/TA/TT and the CDCP (or similar programs). Availability or non availability of a document confirming accreditation. Data on accreditation of the laboratories shall be provided with indication of the accreditation bodies. 2. Names of the involved testing centres and laboratories, numbers of the documents confirming accreditation (certification) for a relevant activity type, issuance date, validity period, name of the organization that issued the accreditation (certification) document, number and date of the agreement for provision of services to the manufacturer. Types of the non-destructive and destructive testing and control which are permitted to be performed by the involved testing centres and laboratories in accordance with the scope of the accreditation and a short certificate of their correspondence to and sufficiency for the requirements of the ToR/SoW/TS and the CDCP (or similar programs). Data on accreditation of the laboratories shall be provided with indication of the accreditation (certification) bodies.	
7. Products testing. Testing documentation.		
7.1. Types of the tests performed by the manufacturer.		
The possibility of performance of the necessary types of tests shall be inspected.	The types of the tests (hand-over, acceptance, standard, periodical, etc.) performed by the organization independently and directly in the production subdivisions shall be specified. When performing tests with involvement of third-party organizations or personnel of third-party organizations, a list of the involved organizations shall be provided with indication of the types of tests performed by such organizations.	

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Inspected issues	**Results of inspection**	**Note**
7.2. Procedure of launching of products into manufacture and testing documents.		
To be inspected: 1. Availability of documents determining the procedure of performance of tests. 2. Availability of standard and special test programs and procedures (TPP). 3. Availability of agreement of the TPP with a project (design) organization and the Customer. 4. Availability of the certificates and reports of acceptance, qualification and periodical tests of the products. 5. Participation, according to the above-specified certificates and reports, in commissions in the process of performance of acceptance and qualification tests of representatives of the Customer and the Authorized organization. 6. Correspondence of the list of performed tests and received results to the requirements of the RD, TS/TA/TT and Test programs and procedures.	To be specified: 1. Documents determining the arrangement and procedure of performance of tests. 2. Name and designation of standard and special test programs and procedures (TPP). 3. Numbers of letters and dates of agreement of the TPP with a project (design) organization and the Customer or the fact of their unavailability. 4. Number and dates of the certificates and reports of acceptance and qualification tests and the name of the organization participating in the tests as a Customer, or the fact of their unavailability. 5. The assigned letter (pilot model, prototype, pilot batch, serial products) and its conformance/non-conformance to the available tests certificates. 6. Brief report of compliance/non-compliance of a list of tests conducted and the results obtained with the requirements of RD, TS/TA/TT and TPP.	
7.3. Availability of testing equipment (stands, installations). Certification systems.		
To be inspected: 1. Availability of testing equipment (stands, installations). 2. Availability of the QMS procedural documents specified in the Quality guidelines and/or list of QMS procedures of the company and describing the procedure of certification of test equipment and the procedure of interaction with third-party test laboratories (if there are any).	To be specified: 1. Name and designation of the testing equipment (stands, installations). 2. Name and designation of the QMS procedures describing the procedure of certification of test equipment and the procedure of interaction with third-party test laboratories (if there are any). 3. Name and designation of the schedules of test equipment certification and Equipment certification methods. For this purpose, the certification timeliness shall be indicated. 4. Name and designation of the document describing the procedure	At least three (3) testing equipment units shall be inspected.

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3. Availability of schedules of test equipment certification and Equipment certification methods. 4. Availability and methods of registration and keeping of the reports. 5. Correspondence of the order described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection.	of registration and keeping of reports. 5. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments.	
8. Selection and assessment of the Suppliers. Procedures of the Compliance Assessment of the purchases, incoming control, storage and start-up production of components, materials or semi-finished products.		
8.1. Qualification and assessment of the Suppliers.		
To be inspected: 1. Availability of the QMS procedural documents specified in the quality guidelines and/or list of QMS procedures of the company and determining the procedure of assessment and selection of suppliers (subcontractors – manufacturers) of purchased components, materials and semi-finished products. 2. Conformity of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection. 3. Availability of a register (list) of the approved Suppliers (with indication of the date of commencement of cooperation with the supplier and of the supplier's quality system licenses and certificates). 4. Performance of audits of the Suppliers and	To be specified: 1. Name and designation of the QMS procedures determining the procedure of assessment and selection of the Subcontractors – manufacturers of purchased components, materials and semi-finished products. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments. 3. Availability/non-availability of a register (list) of the approved Suppliers (with indication of the date of commencement of cooperation with the supplier and of the supplier's quality system licenses and certificates). 4. Performance/ non-performance of audits of suppliers and regularity of such audits. The example is given: a Supplier's name, date of the audit performance and the result shall be provided.	

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regularity of such audits (audit results shall be submitted).		
8.2. Incoming inspection performance.		
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines and/or list of QMS procedures of the company and describing the procedure of performance of incoming inspection of the components, materials and semi-finished goods used in the process of manufacturing of the products in respect of which the inspection is performed. 2. Availability of developed lists of the components, materials and semi-finished goods subject to incoming inspection, which are used in the process of manufacturing of the products in respect of which the inspection is performed or of the procedural documents containing standard programs of incoming inspection performance. 3. Availability of a reporting document (log, etc.) kept by the company and registering the incoming inspection results. 4. The actual procedure for registration and initial inspections in the process of receipt and issuance of semi-finished products and purchased component items for production and their compliance with the procedural documents of the QMS and the Quality guidelines through the example of the products in production at the moment of conduction of the inspection or earlier manufactured products.	To be specified: 1. Name and designation of the QMS procedures describing the procedure of performance of incoming inspection of purchased components, materials and semi-finished products. 2. Name and designation of the lists of the components, materials and semi-finished goods subject to incoming inspection, which are used in the process of manufacturing of the products in respect of which the inspection is performed or of the procedural documents containing standard programs of incoming inspection performance. 3. Name and designation of the reporting document registering the incoming inspection results. 4. Brief note of the deviations identified in the process of inspection of the actual order of registration and initial inspections in the process of receipt and issuance of semi-finished products and purchased components for production and their compliance with the procedural documents of the QMS and the Quality guidelines.	Special attention shall be paid to the availability of the approved procedure of issuance of components, materials and semi-finished goods for production and execution of the corresponding documents (protocols, journals, opinions) confirming the quality of performance of control. Not less than five (5) semi-finished goods and purchased component items shall be inspected.
8.3. Provision of conditions of warehouse storage of production and products		

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Inspected issues	**Results of inspection**	**Note**
Selective inspection of subdivisions for availability of the conditions required for products storage shall be performed.	Results of the inspection shall be indicated.	At least 5 (five) units of products and (or) items shall be inspected.
9. Process and manufacturing capacities for production of the declared products		
9.1. Types of works independently performed by the manufacturer.		
To be inspected: 1. Availability of subdivisions (workshops, departments, etc.) and equipment required for performance of inspection and process operations.	To be specified: 1. Availability/non-availability of subdivisions (workshops, departments, etc.) and equipment required for performance of inspection and process operations. The list of subdivisions and types of their works. The number and date of the order on introduction into effect of the manufacturer's organization structure or designation of the QMS procedure containing such organization structure.	A copy of the current organization structure of the manufacturer shall be attached to the Report.
9.2. List of organizations being engaged into performance of process operations.		
To be inspected: 1. Availability of third-party organizations being engaged into performance of process operations. 2. Availability of a regulatory document specifying requirements to the involved third-party organizations.	To be specified: 1. List of organizations being engaged into performance of process operations. 2. Services related to manufacturing and inspection of products and provided by the involved organizations are listed. 3. Name and designation of the document specifying requirements to the involved third-party organizations.	
9.3. Equipment maintenance and repair systems		
To be inspected: 1. Availability of QMS procedural documents specified in the Quality guidelines and/or list of QMS procedures of the company and describing the organization and procedure of maintenance and repair of processing equipment. 2. Availability of schedules of repairs and inspections of manufacturing accuracy of the equipment. 3. Correspondence of the procedure described in the QMS procedures and in the Quality	To be specified: 1. Name and designation of the QMS procedures describing the organization and procedure of maintenance and repair of processing equipment. 2. Name and designation of schedules of inspections of manufacturing accuracy of the equipment and of instruction sheets, number and date of the orders on their approval, number and date of the Inspection reports. For this purpose, the timeliness of performance of the inspection shall be indicated. 3. Brief note on the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality	At least five (5) types of equipment shall be inspected.

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Inspected issues	**Results of inspection**	**Note**
guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection.	guidelines and the actual order or an indication of absence of such comments.	
10. Availability of experts and workers able to perform the declared type of the works		
10.1. 1. Availability of qualified experts and workers able to perform the declared type of the works		
To be inspected: availability in the manufacturer's structural subdivisions of personnel developing the DED, EMD and EDD and performing process operations and quality control (QCD, laboratories, etc.).	To be specified: The manufacturer shall provide data (in form of a certificate) on availability in the company's structural subdivisions of personnel developing the WDD, PDD, and EDD, manufacturing products and controlling quality (Quality Control Department (QCD), laboratories, etc.). The certificate shall obligatorily contain information about certificates (in accordance with the requirements of regulatory documents of the manufactory's country: EN, ASME. ASTM, etc.) of welders, controllers and NDT inspectors (if such operations are a part of the technological process of the products manufacturing): a) numbers and validity periods of the certificate; b) names of the Bodies that issued the certificate; c) scope of the certificate. If the manufacturer engages third-party experts who are properly qualified for performance of welding (overlaying welding) and destructive and non-destructive testing operations, the numbers and dates of their contracting agreement and the following data on their certification must be provided: a) numbers and validity periods of the certificate; b) names of the Bodies that issued the certificate; c) scope of the certificate.	The certificate shall be attached to the Report.
10.2. Availability of a system of personnel qualification maintenance and personnel certification and admission to works, as well as inspection of the managers, experts and workers with regard to their knowledge of the regulatory documents requirements related to construction and production of the declared products.		
To be inspected: 1. Availability of procedural QMS documents specified in the Guidelines and/or list of QMS	To be specified: 1. Name and designation of the QMS procedures determining the order of training and inspection of RD knowledge by personnel.	The manufacturer shall provide data (in form of a certificate) on availability in the

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
procedures of the company and defining the order of training and assessment of personnel involved into production and inspection of products for RF NPP for the knowledge of RD of manufacturer's country in the sphere of atomic energy use. 2. Availability of prepared lists of the RD of the manufacturer's country in the sphere of nuclear energy use, which the personnel must obligatorily know. Availability of questions and/or knowledge test cards. 3. Availability of plans and programs of training and testing of the personnel involved into production and testing of products for the knowledge of the RD of the manufacturer's country in the sphere of nuclear energy use. 4. Availability of schedules of certification of welders, controllers and NDT inspectors. 5. Availability of the documents (reports, etc.) confirming the performed inspection of the personnel participating in production and/or testing of products for the knowledge of the RD of the manufacturer's country in the sphere of nuclear energy use. 6. Correspondence of the certificates of welders, NDT inspectors and controllers and the requirements of the RD of the manufacturer's country. 7. Correspondence of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the	2. Name and designation of the lists of the RD of the manufacturer's country in the sphere of nuclear energy use, which the personnel must obligatorily know. The fact of availability/absence of questions and (or) knowledge test cards. 3. Numbers of the plans and programs of training and testing of the personnel for the knowledge of the RD of the manufacturer's country in the sphere of nuclear energy use. Number and date of the order on their approval. 4. Name and designation of the schedules of certification of welders, controllers and NDT inspectors, numbers and dates of the orders on their approval, numbers and dates of the Inspection reports. For this purpose, the timeliness of performance of the certification shall be indicated. 5. Number and date of the documents (reports, etc.) confirming the performed inspection of the personnel for the knowledge of the RD of the manufacturer's country. 6. Correspondence/non-correspondence of the certificates of welders, controllers and NDT inspectors to the requirements of the RD of the manufacturer's country. At least ten (10) certificates shall be inspected. 7. Brief note on the comments identified in the process of inspection of the order described in the QMS procedures and in the Quality guidelines and the actual order or an indication of absence of such comments. If the certification was independently performed by the manufacturer, the body that issued a permit for the work of the certification commission shall be specified.	company's structural subdivisions of personnel developing the WDD, PDD, and EDD, manufacturing products and controlling quality (QCD, laboratories, etc.). This note is attached to the Certificate. A plan of technical education and advanced training of personnel shall be provided.

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
moment of conduction of the inspection.		
11. The manufacturer's production operations metrology support		
11.1. Production operations metrological support systems.		
To be inspected: 1. Availability of the QMS procedural documents specified in and the Quality guidelines and/or the list of QMS procedures of the company and describing the organization of the production operations metrology support system, including keeping of measuring tools and their provision for work and inspection/calibration. Availability of schedules of inspection/calibration of standards, measuring tools and control equipment. 3. Availability of certificates of inspection/calibration for the standards, measuring tools and control equipment. 4. Correspondence of the procedure described in the QMS procedures and in the Quality guidelines to the actual order through the example of the products in production at the moment of conduction of the inspection.	To be specified: 1. Name and designation of the QMS procedures describing the organization of the production operations metrological support system, including keeping of measuring tools and their provision for work and inspection/calibration. 2. Name and designation of the schedules of inspection/calibration of standards, measuring tools and control equipment, numbers and dates of the orders on their approval, numbers and dates of the certificates of inspection/calibration. For this purpose, the timeliness of performance of the inspection shall be indicated. 3. Availability/non-availability of certificates of inspection/calibration for the sample-inspected standards, measuring tools and control equipment. 4. Brief note on faults revealed during the assessment of procedure specified in QMS, Quality manual, and actual procedure or indication of absence thereof.	At least ten (10) types of measuring tools shall be inspected.
11.2 Accreditation for the right of inspection of measuring tools (certificate).		
To be inspected: Availability and scope of accreditation of testing laboratories of the manufacturer or engaged third-party organizations.	To be specified: 1. The number of the accreditation certificate. 2. The name of the body that issued the certificate shall be specified (in case of involvement of third-party organizations, the name of the involved organization and the number and date of the contract for provision of services to the manufacturer shall be additionally specified).	
12. System of registration and analysis of claims (complaints) for the quality of equipment, component parts and/or semi-finished goods,		

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
availability of processes for liquidation of revealed defects during manufacturing or installation, as well as for adoption of measures to prevent their future occurrence.		
To be inspected: 1. Availability of the QMS procedural documents specified in the QAP and the Quality guidelines and/or the list of QMS procedures of the company and determining the procedure of registration and analysis of claims and complaints in respect of the products earlier delivered for the NPP. 2. Availability of claims (complaints) for the quality of the manufacturer's products delivered for the NPP or other nuclear power plants of the Russian Federation or other countries. 3. Availability of documentation (logs, reports, certificates, etc.) enabling establishment of the facts and the regularity of receipt of complaints about the products at the incoming inspection stage at the NPP (correspondence regarding the analysis of such objections with a purpose of their future prevention). 4. Availability of the QMS procedural documents specified in the Quality guidelines and/or the list of QMS procedures of the company and determining the internal audits procedure. 5. Availability of internal audit schedules. 6. Availability of the Reports based on the audit results, corrective actions plans, results of inspection of their implementation, etc. 7. Correspondence of the procedure described in the QMS and QAP procedures and in the	To be specified: 1. Name and designation of the QMS procedures determining the procedure of registration and analysis of claims and complaints in respect of the products earlier delivered for the NPP. 2. Availability/non-availability of documentation (logs, reports, certificates, etc.) enabling establishment of the facts and the regularity of receipt of complaints about the products at the incoming control stage at the NPP. 3. Availability/non-availability of claims (complaints) for the quality of the manufacturer's products delivered for the NPP or other NPPs of the Russian Federation or other countries, in form of a note. 4. Name and designation of the QMS procedures determining the internal audits procedure. 5. Availability/non-availability of internal audits schedules. 6. Availability/non-availability of Certificates based on the audit results, corrective actions plans, results of inspection of their implementation, etc. 7. Brief note on the comments identified in the process of inspection of the order described in the QMS procedures and in the Guidelines and the actual order or an indication of absence of such comments. 8. Brief note on the identified comments during the inspection of the compliance of the QMS procedures with the requirements of GD.AKU.8.3-02-02-0051.	If there are any claims (complaints) for the quality of the manufacturer's products delivered for the NPP or other NPPs of the Russian Federation or other countries, a corresponding certificate shall be executed and attached to the Report.

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
Quality guidelines to the actual order. 8. Correspondence of the order described in the QMS procedures and in the Quality guidelines to the requirements of the AKKUYU NÜKLEER ANONİM ŞİRKETİ standard related to management of the nonconformities revealed during performance of incoming control of the products.		
13. Non-conformities management. System of management of non-conformities in the process of manufacturing of products.		
To be inspected: 1. Availability of procedural QMS documents specified in QAP and Quality manual and/or the list of QMS procedures of the company and defining the procedure of identification and registration of nonconformities established in respect of the products manufactured for NPP, analysis of the reason for advent thereof, and the development and implementation of corrective measures. 2. Conformity of the order described in the QMS and QAP procedures and in the Quality guidelines to the actual procedure. 3. Correspondence of the order described in the QMS procedures and in the Quality guidelines to the requirements of the AKKUYU NÜKLEER ANONİM ŞİRKETİ standard related to management of the nonconformities revealed during manufacturing of products.	To be specified: 1. Name and designation of the QMS procedures determining the procedure of identification and registration of nonconformities established in respect of the products manufactured for Akkuyu NPP, analysis of the reason of their occurrence and adoption of corrective measures. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Guidelines and the actual order or an indication of absence of such comments. - a short certificate of the deviations identified in the process of inspection of correspondence of the QMS procedures to the requirements of the Customer's nonconformities management standard. 3. Brief note on the identified comments during the inspection of the compliance of the QMS procedures with the requirements of GD.AKU.8.3-02-02-0051.	Special attention shall be paid to the procedure of management of the nonconforming products, the procedure of development of preventive and corrective measures and the procedure of identification of the reasons of occurrence of the nonconforming products.
14. Contractual activity. Arrangement of contractual activity.		
To be inspected: 1. Availability of the QMS procedural documents specified in the Quality guidelines	To be specified: 1. Name and designation of the QMS procedures determining the procedure of carrying out of contractual activity, in particular,	Special attention shall be paid to availability in contracts with customers and subcontractors

Manufacturer Production Readiness Inspection Certificate No. dated		
Inspected issues	**Results of inspection**	**Note**
and/or the list of QMS procedures of the company and determining the procedure of carrying out of contractual activity, in particular, regarding the issues of agreement of DED, EMD and quality documents, participation in tests and quality control, etc. 2. Conformity of the order described in the QMS and QAP procedures and in the Quality guidelines to the actual procedure. 3. Availability of agreements with Subcontractors.	regarding the issues of agreement of DED, EDD and quality documents, participation in tests and quality control, etc. 2. Brief note of the comments identified in the process of inspection of the order described in the QMS procedures and in the Guidelines and the actual order or an indication of absence of such comments. 3. Numbers and dates of the agreements with Subcontractors, with description of the provided services (provided that they were not specified in the above-stated inspection results).	of requirements to the quality of delivered equipment and participation of the company in agreement and inspection of observance of the QAP requirements by sub-suppliers and subcontractors.

Appendix No. 6
(obligatory)

Format for the List of Findings based on the result of the Inspection of the manufacturer's production readiness prior to the start of manufacturing of products for Akkuyu NPP

Manufacturer's Production Readiness Inspection Certificate No. dated		
The findings of inspection are as follows:		
CONCLUSION:		
Manufacturing plant	Is ready for the products manufacturing	**Is not ready** for the products manufacturing
	☐	☐

Commission members:

(position, organization)	(signature)	(surname and initials)
(position, organization)	(signature)	(surname and initials)

The Report was read and approved by the following person who received one counterpart of the Report:

(position of the responsible person of the manufacturer)	(signature)	(surname and initials)

Appendix No.7
(obligatory)

The list of grounds for an unscheduled manufacturer production readiness inspection prior to the start of the manufacturing of products for the Akkuyu NPP

Inspected issues	List of grounds for the unscheduled manufacturer production readiness
1. Licensed activity, products certification activity, availability of the relevant NRA permits	
1.1. Availability of licenses for types of activity with the manufacturer, area of their extension and terms of validity	When the terms of the licenses are changed, the license is extended, or new licenses are obtained.
1.2. Availability of the certificates of conformity for the manufactured product with the organization in the system of mandatory certification, area of their extension and terms of validity	In case of prolongation of the certificates or obtaining of new certificates.
1.3. Availability of appropriate certificates (approvals) of the NRA	When the terms for the validity of the certificate (approval) of the NRA or/and the availability of the corresponding certificate (approval) for a limited batch of products are changed.
2. Quality assurance activities	
2.1. Functioning of a documented quality management system (QMS)	When adjusting the QAP and (or) the Quality Manual.
2.2. Availability of certification of the quality management system (QMS)	In case of prolongation of the certificates or obtaining of new certificates.
2.3. If under terms of screen fixing, finned tubes have the possibility to deform, then stresses defined in cl. Development of Quality plans	When non-conformities related to the development, agreement and approval of Quality Plans are identified.
2.4. Product identification and traceability system	In case of detection in the process of the compliance assessment of any non-conformities related to identification and/or traceability of the products
3. Regulatory Documentation (RD)	
3.1 The Contractor shall be entitled to: Availability of accounted and corrected regulatory documents, including documents on safety in the sphere of atomic energy use.	If correction of the list of applicable regulatory documents is required

Inspected issues	List of grounds for the unscheduled manufacturer production readiness
3.2 Availability of a system of registration and amendment of regulatory documents.	In case of detection in the process of the compliance assessment of any non-conformities related to registration, keeping or management of documentation
4. Design engineering. Detailed engineering documentation, TS/TA/TR and ITD.	
4.1. Availability of an accounted and registered set of ToR/SoW/TS and ETD.	As soon as the DED is provided, developed in accordance with the agreed schedule (for the products of LCP) or as the DED is issued for new (modified) products or adjustments (amendments) to the current DED)
4.2. DED and TS/TA/TT and ITD independently developed by the manufacturer.	In case of detection in the process of the compliance assessment of any non-conformities related to registration, keeping or management of documentation.
4.3. DED and TS/TR/TT developed by third-party organizations.	In case of changing of the DED developers.
5. Manufacturing technology. Production process documentation.	
5.1. Availability of an considered and registered set of EMD.	According to submission of EMD developed in accordance with the agreed schedule (for prolonged manufacturing cycle products) or according to issuance of EMD for new (modified) products or correction (introduction of amendments into) of the applicable EMD
5.2. PTD developed by the company.	In case of detection in the process of the compliance assessment of any violations related to registration, keeping or management of documentation and/or technical discipline violation
6. Manufacturing inspection. Production and control documentation.	
6.1. Availability of an considered and registered set of EDD.	According to submission of EDD developed in accordance with the agreed schedule (for the products of LCP)
6.2. PCD developed by the company.	In case of detection in the process of the compliance assessment of any violations related to registration, keeping or management of documentation and/or technical discipline violation
6.3 Availability and accreditation of the laboratories.	Application of new control methods and techniques.
7. Products testing. Testing documentation.	
7.1. Types of the tests performed by the manufacturer.	Application of new control methods and techniques.
7.2 Procedure of launching of products into manufacture and testing documents	Performance of acceptance tests and/or application of new types and methods of testing
7.3. Availability of testing equipment (stands, installations).	Application of new testing equipment.
8. Selection and assessment of the Suppliers. Procedures of compliance assessment of purchases, incoming control, storage and start-up production of components, materials or semi-finished products	

Inspected issues	List of grounds for the unscheduled manufacturer production readiness
8.1. Qualification and assessment of the Suppliers.	In case of detection of delivery of defective products
8.2. Incoming inspection performance.	In case of detection of defective products in the process of manufacturing
8.3. Provision of conditions of warehouse storage of production and products	In case of detection of products storage violations.
9. Technological and manufacturing capacities for production of the declared equipment.	
9.1. Types of works independently performed by the company.	In case of changing works type.
9.2. List of third-party organizations being involved into performance of process operations.	When changing the engaged organizations.
9.3. Equipment maintenance and repair systems	In case of detection of violations of equipment repairs and inspection schedules
10. Availability of experts and workers able to perform the declared type of the works	
10.1 Availability of qualified experts and workers able to perform the declared type of the works.	In case of detection of violations in the process of conduction of assessment of knowledge, in case of regular occurrence of defects during welding works, in case of detection of violations during non-destructive testing, in case of a high level of the violations detected in the process of the compliance assessment.
10.2. Availability of a system of personnel qualification maintenance and personnel certification and admission to works, as well as inspection of the managers, experts and workers with regard to their knowledge of the regulatory documents requirements related to construction and production of the declared products.	In case of detection of violations in the process of conduction of assessment of knowledge, in case of regular occurrence of defects during welding works, in case of detection of violations during non-destructive testing, in case of a high level of the violations detected in the process of the compliance assessment.
11. The manufacturer's production operations metrology support	
11.1. Production operations metrological support systems.	When the violations are identified.
11.2 Accreditation for the right of inspection of measuring tools (certificate).	In case of prolongation of certificates or obtaining of new certificates.
12. System of registration and analysis of	When the violations are identified.

Inspected issues	List of grounds for the unscheduled manufacturer production readiness
claims (complaints) for the quality of equipment, component parts and/or semi-finished goods, availability of processes for liquidation of revealed defects during manufacturing or installation, as well as for adoption of measures to prevent their future occurrence.	
13. Non-conformities management. System of management of non-conformities in the process of manufacturing of products.	In case of detection of facts of concealment of non-conformities or incorrect execution of documents related to non-conformities.
14. Contractual activity. Arrangement of contractual activity.	In case of detection of insufficient (or excessive) requirements during a selective inspection of the agreements concluded with the manufacturer.

Appendix No. 8
(recommended)

Format for the Certificate for the unscheduled manufacturer production readiness inspection prior to the start of the manufacturing of products for the Akkuyu NPP

/Place for the AO trademark/	
	(name of the AO)

UNSCHEDULED MANUFACTURER PRODUCTION READINESS INSPECTION CERTIFICATE
No._____ dated _____

TO THE UNSCHEDULED MANUFACTURER PRODUCTION READINESS INSPECTION CERTIFICATE No._____ dated _____ valid until_____.

The Order of AKKUYU NÜKLEER ANONİM ŞİRKETİ No._____ dated _____

Unscheduled manufacturer production readiness inspection _____
(Name of enterprise checked and location (city)

is performed because _____
(the reason to perform the Unscheduled inspection)

during manufacturing of _____
(Product name, notation)

in conformity with the Agreement (Contract) * _____
(Number and date of Agreement (contract) for product manufacture/delivery specified, name of Customer)

for the subsequent delivery to Akkuyu NPP Power Unit No. _____ is performed during the period from _____ to _____
(NPP unit number) (start date of assessment) (end date of assessment)

Committee comprising of: _____
(position, organization) (Full Name)

_____
(Position, organization) (Full name)

*The Agreement (contract) chain shall be presented in full (from Company to manufacturer)

Unscheduled manufacturer production readiness inspection Certificate No. dated			
Item	**Inspected issues**	**Results of inspection**	**Note**
1			
2			
3			
4			
5			
6			
7			
8			

The findings of inspection are as follows:

Measures to eliminate the comments (allows enclosure of plan for elimination of the comments, concurred with organization, performing inspection);

Commission members:

(position, organization)	(signature)	(surname and initials)
(position, organization)	(signature)	(surname and initials)

The Report was read and approved by the following person who received one counterpart of the Report:

(position of the responsible person of the manufacturer)	(signature)	(surname and initials)

Appendix No. 9
(recommended)

Format for the Decision on the extension of the Production Readiness Inspection Certificate

Decision No. _____ dated _____ on the extension of the Production Readiness Inspection Certificate No. _____ dated _____, which is valid until _____.

On the grounds of _____
(specific reasons are indicated: changing the form, status and structure of the manufacturer, the introduction of new technologies, as well as processing of the current DED, EMD and EDD, changes in production processes)

at the manufacturer's _____
(Name of enterprise checked and location (city)

which is the manufacturer of _____
(Product name, notation)

in conformity with the Agreement (Contract) * _____
(Number and date of Agreement (contract) for product manufacture/delivery specified, name of Customer)

for the subsequent delivery to Akkuyu NPP Power Unit No.: _____
(the number of the NPP Power Unit)

We hereby have decided not to perform the unscheduled production readiness inspection, to extent the Production Readiness Inspection Certificate No. _____ dated _____, valid until _____ and attach this Decision to the specified Production Readiness Inspection Certificate.

Head of the branch (representative office): _____ _____ _____ _____
(name of the AO) (position) (signature) (Full name)

Representative of the branch (representative office): _____ _____ _____ _____
(name of the AO) (position) (signature) (Full name)

*The Agreement (contract) chain shall be presented in full (from Company to manufacturer)

Appendix No. 10
(recommended)

Format for the Plan of measures to eliminate comments and (or) non-conformities identified based on the result the Production Readiness Inspection and specified in the Production Readiness Certificate

PLAN OF MEASURES TO ELIMINATE COMMENTS AND (OR) NON-CONFORMITIES No. _____ dated _____, identified based on the result the Production Readiness Inspection prior to the start of the manufacturing. Readiness Inspection Certificate No. _____ dated _____.					
	Item number from the list of comments and (or) non-conformities and a brief description of comments and (or) non-conformities	Content of corrective action, adjusting and (or) preventive measures	Time for Completion	Responsible officer from the manufacturer (Position, full name, contact details)	Note
1					
2					
3					
4					
5					

Manufacturer:					
(name of the Manufacturer)					
DEVELOPED BY:					
	(position)		(signature)		(surname and initials)
AGREED WITH:					
	(position)		(signature)		(surname and initials)
Authorized organization:					
(name of the AO)					
AGREED WITH:					
	(position)		(signature)		(surname and initials)

Appendix No. 11
(recommended)

Report on eliminating comments and (or) non-conformities identified based on the result the Production Readiness Inspection and specified in the Production Readiness Inspection Certificate

REPORT ON ELIMINATING COMMENTS AND (OR) NON-CONFORMITIES No. _____ dated _____,									
identified based on the result the Production Readiness Inspection prior to the start of the manufacturing.									
Plan of measures to eliminate comments and (or) non-conformities no. _____ dated _____,									
Readiness Inspection Certificate No. _____ dated _____.									
	Item number from the list of comments and (or) non-conformities and a brief description of comments and (or) non-conformities	Content of corrective action, adjusting and (or) preventive measures	Time for Completion	Responsible officer from the manufacturer (Position, full name, contact details)	Document number or other information confirming the elimination of the comment	Actual deadline for eliminating comment	Signature, position, full name and date of the responsible officer	Confirmation of the implementation of the action to eliminate the comment (Signature, position, full name and date of the representative of the Authorized Organization)	Confirmation of the implementation of the action to eliminate the comment (Signature, position, full name and date of the representative of the organization engaged in the production readiness inspection)
1									
2									
3									
4									
5									

Acknowledgment

(structural subdivision)

with the document "Regulations. Inspection of the manufacturer's production readiness prior to the start of manufacturing of products for Akkuyu NPP QUA-II-RG-CQ-14-191-2020 (version 1)

(document title and identification code)

Full name of employee	Position	Signature	Date of familiarization