



NUCLEAR REGULATORY AUTHORITY

MANUFACTURER APPROVAL CERTIFICATE

This Approval has been issued by the Presidential Consent dated October 02nd, 2020 and numbered 70469638-120.02-E.18787 in accordance with the provisions of the Regulation on Equipment Procurement Process and Manufacturer Approval for Nuclear Facilities and has been

granted to

LIMITED LIABILITY COMPANY "WEST ENGINEERING"

operating in 22, Moiseenko street, litera Z, pom. 24-H, room 324, Saint-Petersburg, 191144,
Russian Federation.

Valid from

: 02.10.2020

Valid until

: 02.10.2025

Code

: TR-İMO-055



Zafer DEMİRCAN, Ph. D.

President

Approval Conditions for Manufacturer Approval are integral part of this certificate.

APPROVAL CONDITIONS FOR MANUFACTURER APPROVAL

FACILITY	
Name	Limited Liability Company "West-Engineering"
Code	WEST
APPROVAL CERTIFICATE	
Code	18-NDK/001
Date	15/04/2020
APPROVAL	
Scope	<input checked="" type="checkbox"/> Manufacturer Approval - New Application
	<input type="checkbox"/> Manufacturer Approval - Renewal of the Approval Validity
	<input type="checkbox"/> Manufacturer Approval - Extension of the Approval Scope

(2) Limited Liability Company "West-Engineering" provides access to facilities or venues to Authority inspectors providing that it complies with the purpose of the inspection, ensures that, if requested by Authority inspectors, all documents necessary for inspection shall be made available including records of the problems that arise and also provides suitable environment for conducting the inspection including keeping an interpreter.

(3) Limited Liability Company "West-Engineering" shall notify to Authority all kinds of changes of organization and infrastructure that necessitates modification of the conditions of the approval.

(4) Limited Liability Company "West-Engineering" performs the procurement process of the equipment to be manufactured for the nuclear facilities which are constructed in the Republic of Turkey in accordance with;

- a) Relevant legislation of the Republic of Turkey,
- b) Technical documents of the Owner about the design and manufacturing,
- c) Codes and standards specified by the Owner,
- d) Implemented quality management system requirements.

Making Replacement or Addition of Approval Conditions

Article 5 - (1) The Authority can make changes to these conditions of approval in order to guarantee nuclear safety. If changes have been made, Authority notifies new approval conditions to the Limited Liability Company "West-Engineering".

(2) Limited Liability Company "West-Engineering" can apply for making changes to these approval conditions to the Authority. Application must include the reason for the change, evaluation of the change regarding nuclear safety and the new text of the conditions. These changes can only take effect by confirmation of the Authority and the Authority notifies new approval conditions to Limited Liability Company "West-Engineering".

The List of Documents Taken Into Consideration

Article 6 - (1) Approval of manufacturer was given according to evaluation of the documents given in Appendix 2 and submitted by Limited Liability Company "West-Engineering" during application period.

Cancellation Policy of Approval and Enforcements

Article 7 - (1) Approval of manufacturer can be cancelled according to evaluation of the Authority in terms of the importance of the breach if;

- a) Scope of given authority as defined by this legislation of approval conditions is exceeded, or
- b) Obligations defined in the approval conditions are not fulfilled.

(2) If it is understood that Limited Liability Company "West-Engineering" does not have the required qualifications in terms of relevant regulation anymore or in case of determination of non-conformities or deviations during the evaluation and inspection activities throughout validity of approval period, Limited Liability Company "West-Engineering" is requested to prepare an action plan in order to correct the problems during the time period determined by the Authority. The action plan includes the corrective and preventive actions, implementation schedule of them and reporting of the

results to the Authority. If the Authority considers the action plan appropriate, it is put into practice and the Authority can carry out an inspection if it is deemed necessary. If the problem is not fixed within the time specified in action plan, approval of manufacturer can be cancelled according to evaluation of the Authority in terms of the importance of the problem.

(3) During inspections of the Authority, approval of manufacturer can be cancelled in such cases; lack of cooperation with Limited Liability Company "West-Engineering", lack of providing documents and information and falsifications of documents.

Appendix 1. List of Equipment within the Scope of the Manufacturer Approval

No	İmalatı Planlanan Ekipman Adı <i>Name of Equipment Planned to Be Produced</i>	(Güvenlik Sınıfı (NP-001-15)/(NP-001-97) (Safety Class (NP-001-15)/(NP-001-97))
1	Yangından korunma enstrümantasyon ve kontrol sistemi <i>Fire protection instrumentation and control system</i>	3, 4
2	Dizel jeneratör setleri için kontrol cihazları <i>Control devices for diesel generator sets</i>	2, 3, 4
3	Yerel kontrol noktaları rölesi <i>Local control points relay</i>	2, 3, 4
4	Elektrikli ekipman için enstrümantasyon ve kontrol sistemi <i>Instrumentation and control system for electrical equipment</i>	2, 3, 4
5	Düşük voltajlı cihazlar 0,4 kV <i>Low-voltage complete devices 0,4 kV</i>	2, 3, 4
6	Panel cihazları (dolaplar, konsollar, paneller) <i>Panel devices (cabinets, consoles, panels)</i>	2, 3, 4
7	Jeneratörlerin fırçasız, yüksek frekanslı ve elektromekanik uyarma sistemlerinin uyarılmasını kontrol eden cihazlar <i>Devices for controlling the excitation of brushless, high-frequency and electromechanical excitation systems of generators</i>	2, 3, 4
8	Mikroişlemci jeneratörleri için koruma cihazları <i>Protection devices for microprocessor generators</i>	2, 3, 4
9	Yedek dizel enerji santralleri için yardımcı ekipman yönetim sistemleri <i>Auxiliary equipment managements systems for backup diesel power plants</i>	2, 3, 4
10	Yerel kontrol noktaları rölesine dayalı enstrümantasyon ve kontrol sistemi <i>Instrumentation and control system based on local control points relay</i>	2, 3, 4

Appendix 2. Application Documents Providing the Basis for the Approval

1. Application petition
2. 9(a) Official documents
3. 9(b) Power of Attorney
4. 9(c) ISO 9001 certificate
5. 9(ç) TURKAK document
6. 9(d) Quality manual, procedures and organizational structure
7. 9(e) Equipment list
8. 9(f) Report
9. 9(g) Bank receipt
10. 9(ğ) Certificates
11. Diploma