



"APPROVE"

Chief mechanical engineer

of "Shurtan GCC" LLC

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2022.



TECHNICAL ASSIGNMENT

for purchasing of Repair kits for the safety valves

for the needs of "Shurtan GCC" LLC.

"Shurtan GCC" LLC – 2022

1. GENERAL INFORMATION

| 1.1 Наименование. | | |
|-------------------|------------------------------------------|-------------------------------------------|
| | Spring-Loaded Safety Relief Valve | Repair kits for the safety valves. |
| 1 | PSV-1119A | Disc, Disc Holder, Spring. |
| 2 | PSV-1195 | Disc, Disc Holder, Spring. |
| 3 | PSV-2612 | Disc, Disc Holder, Spring. |

1.2 Basis and purpose of equipment purchasing.

Basis: Annual application for 2021.

Purpose: Repair and restoration of operating condition of the existing safety valves.

1.3 HS code and other international codes if applicable.

The manufacturer of the product must provide the HS code or other international codes.

2. SCOPE OF USE

Safety valves are used to protect vessels, apparatuses and equipment, pipelines from pressure increase above the permissible value.

3. OPERATING CONDITIONS

3.1 General operating conditions.

Safety valves are constantly under pressure. Safety valves are operated to protect vessels, apparatuses and equipment, pipelines from pressurization.

4. TECHNICAL REQUIREMENTS

| 4.1 Repair kits for safety valves shall comply with the following safety valves. | | | | | | | | | |
|----------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|---------|---------|---------------------|------------------|--------|------------------------------------|------------|
| | Name | Specifications of the safety valves. | | | | | | | |
| | | Model | Size | Class | P(operating) кПа | P(design) кПа | Medium | Temperature of medium t= 0 C | Connection |
| 1 | Repair kits for safety valve PSV-1119A | 1990C-05-05-LS; | 3/4"x1" | 150/150 | 450 | 700 | Water | 38 | Flanged |
| 2 | Repair kits for safety valve PSV-1195 | 1990C-05-05-LS; | 3/4"x1" | 150/150 | 450 | 700 | Water | 38 | Flanged |
| 3 | Repair kits for safety valve PSV-2612 | 1905F-34 | 1.5"x2" | 150/150 | 902 | 1200 | Air | | Flanged |



| 4.2 Repair kits for safety valves consist of the following parts: | | |
|-------------------------------------------------------------------|-----------------------------------|------------------------------------|
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| 3 | PSV-2612 | Disc, Disc Holder, Spring |

4.3 Main technical, economic and operational indicators.

For stable operation of safety valves, repair and replacement of safety valve parts shall be at least 2 years.

4.4 Design requirements, installation and technical requirements.

The design of safety valves shall be reliable in operation, and suitable for replacement of parts.

4.5 Marking Requirements

Marking shall be made clearly, with a permanent marker, in Russian language.

5. REQUIREMENTS FOR DELIVERY AND ACCEPTANCE RULES

5.1 Procedure for delivery and acceptance, additional requirements of the customer.

The goods shall be accepted after incoming inspection and drawing up an act in accordance with the contract.

The Customer shall accept the goods according to the quantity, quality and completeness of the batch and external signs of the goods safety (presence of mechanical damages, visible deformation of individual units and parts of the goods and other similar obvious signs of damage) in accordance with transport and accompanying documents, quality certificates of the manufacturer.

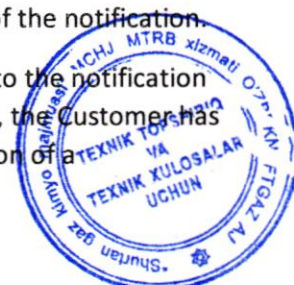
The Parties hereby agree that the visual inspection of the goods performed by the Customer's representative shall be absolute and final for the Parties in order to determine compliance with the quantity, completeness and external signs of the goods safety during their transportation.

During acceptance of the goods from the carrier, the Customer (consignee) is obliged to check the compliance of the goods with the information specified in the contract, specifications or additional agreements to it, as well as in transport, accompanying documents, quality certificates of the manufacturer.

If, upon receipt of the goods after receipt from the carrier, the quality/quantity discrepancy of the goods is revealed, the Customer (the consignee) shall suspend the acceptance of the goods, take measures to ensure the safety of the goods and prevent mixing with other homogeneous goods and notify the Seller in writing form within 5 (five) working days from the date of detection of defects.

The Seller shall send to the Customer (consignee) no later than ten (10) working days from the date of receipt of the notification a response on the participation of its representative in further acceptance of the goods. The Seller's representative shall come to participate in the acceptance of the goods within a reasonable period not exceeding 20 (twenty) calendar days from the date of receipt of the notification.

If the Seller refuses to participate in the acceptance or refuses to provide a response to the notification or his representative refuses to participate within the period specified in the contract, the Customer has the right to further accept the goods in terms of quality/quantity, with the participation of a



representative of the Chamber of Commerce and Industry or an independent expert organization with the preparation of an act in accordance with the contract.

-The following information must be specified in the act of acceptance of the goods:

- name of the Customer (consignee) of the goods;
- number and date of the certificate, place of goods acceptance, the beginning and finishing time of goods acceptance;
- names and initials of persons participating in the acceptance of goods, their positions, information on documents confirming the powers of these persons to participate in the acceptance of goods, their details;
- names and addresses of the manufacturer of the Seller;
- the date and number of the notification on the call of the Seller's representative;
- detected non-conformity of goods, its nature;
- indication of the contract number and specification;
- naming and marking of goods according to shipping documents for the relevant batch of goods;
- number of places and weight of metal products according to shipping documents;
- condition of tare (packing),
- the weight of the detected shortage for each place;
- number of shipping document and quality certificate;
- size, steel grade, batch number, presence of label; -
- certificate for materials for manufacture.
- conclusion on the nature of the revealed defects of the goods and the cause of their occurrence. The certificate must be signed by all persons involved in the acceptance of the goods.

5.2 Requirements for handing-over of technical and other documents to the customer during equipment supply.

The goods shall be accompanied by the following documentation:

- it is necessary to provide a certificate of conformity of the goods;
- invoice (invoice) of the Seller with a description of the goods, indicating the quantity, price of the unit of goods and the total amount;
- consignment note issued in the name of the consignee with the indication of the departure station and the destination, the name of the Customer, the number and date of signing of the current contract;
- certificate of origin of the country of goods with indication of the number and date of the invoice;
- packing list;
- certificate on the quality of the goods issued by the manufacturer;
- certificate of safety of the goods.

5.3 Equipment Insurance Requirements



The goods must be insured according to the norms and the laws of the Republic of Uzbekistan.

6. REQUIREMENTS FOR PACKING AND TRANSPORTATION OF GOODS

- Packing shall ensure complete protection of the goods from damage, corrosion during transportation, taking into account the possibility of several transshipments;
- Packing shall be designed for handling of cargo by cranes and manually,
- Seller shall be liable for all losses and/or losses resulting from improper and/or negligent packing or protection of equipment.
- The goods shall be shipped in export standard packing (closed, sealed, serviceable) of the manufacturer, ensuring their complete safety from any kind of damage during long-term storage and transportation of products, taking into account several transshipments on the way.
- Other versions and sizes of packing are subject to additional agreement by the Customer, provided that they are acceptable.

7. REQUIREMENTS FOR WARRANTY TERMS

- The goods shall be produced not more than twelve months before the date of shipment, in full compliance with the description, specifications, manufacturer's specification and/or the terms of this terms of reference, as well as ensure the specified quality.
- The goods must be new, not previously used.

8. ENVIRONMENTAL AND SANITARY REQUIREMENTS

- The product shall comply with international quality and environmental safety requirements,
- The product shall be safe during its operation, storage, as well as disposal;
- The product shall not cause any damage to the environment;
- Equipment shall comply with international quality and environmental safety requirements;

9. SAFETY REQUIREMENTS

- The goods shall be safe during their operation, storage, as well as disposal;
- The quality of the Goods shall comply with the established standards and specifications of the manufacturer and shall be confirmed by the certificate of factory tests issued by the manufacturer;
- The quality of the goods shall ensure the possibility of its use for its intended purpose without negative consequences.

10. QUALITY AND CLASSIFICATION REQUIREMENTS

- The goods shall be of high quality; the quality assurance period shall be at least 2 years.
- certificates of (international standards ISO 9001, 14001, 45001, 50001, manufacturer's quality certificate and/or other certificates of international, recognized laboratories and test centers shall be provided.

11. REQUIREMENTS AS PER QUANTITY, COMPLETENESS AND PERIOD OF DELIVERY



| The goods shall be in the following set and quantity: | | | |
|-------------------------------------------------------|-----------------------------------|--------------------------------------------------------------|----------------------------|
| | Name | Spare parts for the safety valves | Quantity |
| 1 | PSV-1119A Serial № TM 00822 | Disc, Part № 2 Disc Holder, Part № 3 Spring, Part № 10 | 2 pcs. 2 pcs. 2 pcs. |
| 2 | PSV-1195 Serial № TM 00867 | Disc, Part № 2 Disc Holder, Part № 3 Spring, Part № 10 | 2 pcs. 2 pcs. 2 pcs. |
| 3 | PSV-2612 Serial № TM 00861 | Disc, Part № 6 Disc Holder, Part № 8 Spring, Part № 18 | 1 pc. 1 pc. 1 pc. |

The delivery time of the goods is 1 month (30 calendar days).

Wagon /container delivery: DAP - railway station Kengsoy (station code - 732602), "Uzbekistan Temir Yullari", SJSRC.

Transport delivery: DAP - Republic of Uzbekistan, Kashkadarya region, Guzar district, Shurtan settlement, 180300.

* Note: PSV-1119A, PSV-1195, PSV-2612 are the identification numbers of the Spring-Loaded Safety Relief Valve of "Shurtan gas-chemical complex", LLC.

- Additional information can be obtained from Dresser, Alexandria, Louisiana USA.

Developers:

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Engineer of the Chief Mechanical engineer department:

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U. Khidirov

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