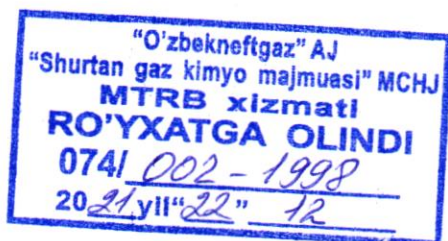


"APPROVED"

Chief mechanical engineer
of «Shurtan GCC», LLC
Kh. Allayorov
" " " 2021 y.



TECHNICAL ASSIGNMENT

for the purchase of an injector for the needs of LLC "Shurtan GCC"

1. GENERAL INFORMATION

1.1 Name
Injector
1.2 The basis and purpose of the purchase of goods
Basis: Approved application of the polyethylene production workshop for 2021. Purpose: To replace failed injectors.
1.3 Information about the novelty (year of production/ release of the product)
The equipment must be new, not previously used. All components, assemblies, parts and components must be manufactured no earlier than 2021.

2. SCOPE OF APPLICATION

The injector is used to absorb cyclohexane from the polymer composition coming out of the rear seal of the main extruder.

3. OPERATING CONDITIONS

3.1 General operating conditions
Place of operation: Workshop for the production of polyethylene, installation of Finishing finishing of LLC "Shurtan GCC". The injector is installed in the system of the main extruder JD-2301 Pump operation mode: Continuous operation, 8000 hours per year.

4. TECHNICAL REQUIREMENTS

4.1 Basic technical requirements		
No	Name	Technical characteristics
1	Injector	Environment of the first vsas: low pressure steam; Environment of the second suction: vaporous cyclohexane; Temperature of the first suctioner: 170°C; Temperature of the second suctioner: 120°C; Working pressure: P=400 kPa. Model: CL 1 1/2"; Suction flange: ANSI 1.1/2", 150 lbs; Outlet Flange: ANSI 1.1/2", 150 lbs;
4.2 Design requirements, installation and technical requirements		
The design and dimensions must correspond to the attached drawings.		
4.3 Requirements for materials		
According to the NTD and CD of the manufacturer. Provide certificates of the material.		
4.4 Marking requirements		
The marking of the goods must contain the decrypted name of the equipment, the name of the manufacturer, the address of the manufacturer's location, the release date and other necessary information. The basic marking data must contain:		
<ul style="list-style-type: none"> - name or trademark of the manufacturer; - symbol equipment; - designation of the standard or technical conditions; - year of manufacture of the equipment. 		
4.5 Size and packaging requirements		
Packaging should be carried out in such a way as to exclude the movement of cargo in containers during loading, transportation and unloading. The container must be marked in accordance with the requirements of GOST 14192-96.		



5. REQUIREMENTS FOR THE RULES OF DELIVERY AND ACCEPTANCE

5.1 Порядок сдачи и приемки

The goods are accepted after the test, in accordance with the technical parameters of paragraph 4.1, after which the acceptance certificate is issued.

Acceptance and input control of Products for compliance with quantity, quality and size is carried out at the Customer's warehouse. In case of non-conformity of the delivered goods with the ordered specification or if the goods have not passed the entrance quality control, the Supplier is obliged to replace it within the period specified in the delivery contract. The transportation costs for the replacement of the goods are borne by the Supplier of the goods.

5.2 Requirements for the transfer of technical and other documents to the customer during the delivery of goods

The product must be accompanied by the following documentation:

- certificate of conformity of the goods;
- certificate for materials for manufacturing;
- product passport;
- manufacturer's test certificate;
- invoice (invoice) Seller with a description of the goods, indicating the quantity, unit price and total amount;
- a bill of lading issued in the name of the consignee with a mark of the departure station and a mark of the destination, the name of the Customer, the number and date of signing of the current contract;
- certificate of origin of the country of the goods indicating the invoice number and date;
- packing list;
- the test certificate of the goods of an independent inspection company (third party)
- the certificate of quality of the goods issued by the manufacturer;

6. QUALITY AND CLASSIFICATION REQUIREMENTS

The product must be of high quality, the quality guarantee period is at least 3 years.

It is necessary to provide certificates (manufacturer's quality certificate and/or other certificates of international, recognized laboratories and test centers).

The service life of the product in accordance with the regulatory and technical documentation is 3 years.

7. REQUIREMENTS FOR QUANTITY, CONFIGURATION, AND DELIVERY TIME (PERIODICITY)

№	Name	Unit of measurement	Quantity
1	Injector	pieces	2

Before delivery of injectors, the Customer is provided with a detailed drawing of the pump injector for approval.

The participating companies present their technical and commercial proposals to the Customer. The customer must give a technical conclusion.

The delivery time of the goods is 2 months (60 calendar days) after the conclusion of the contract.

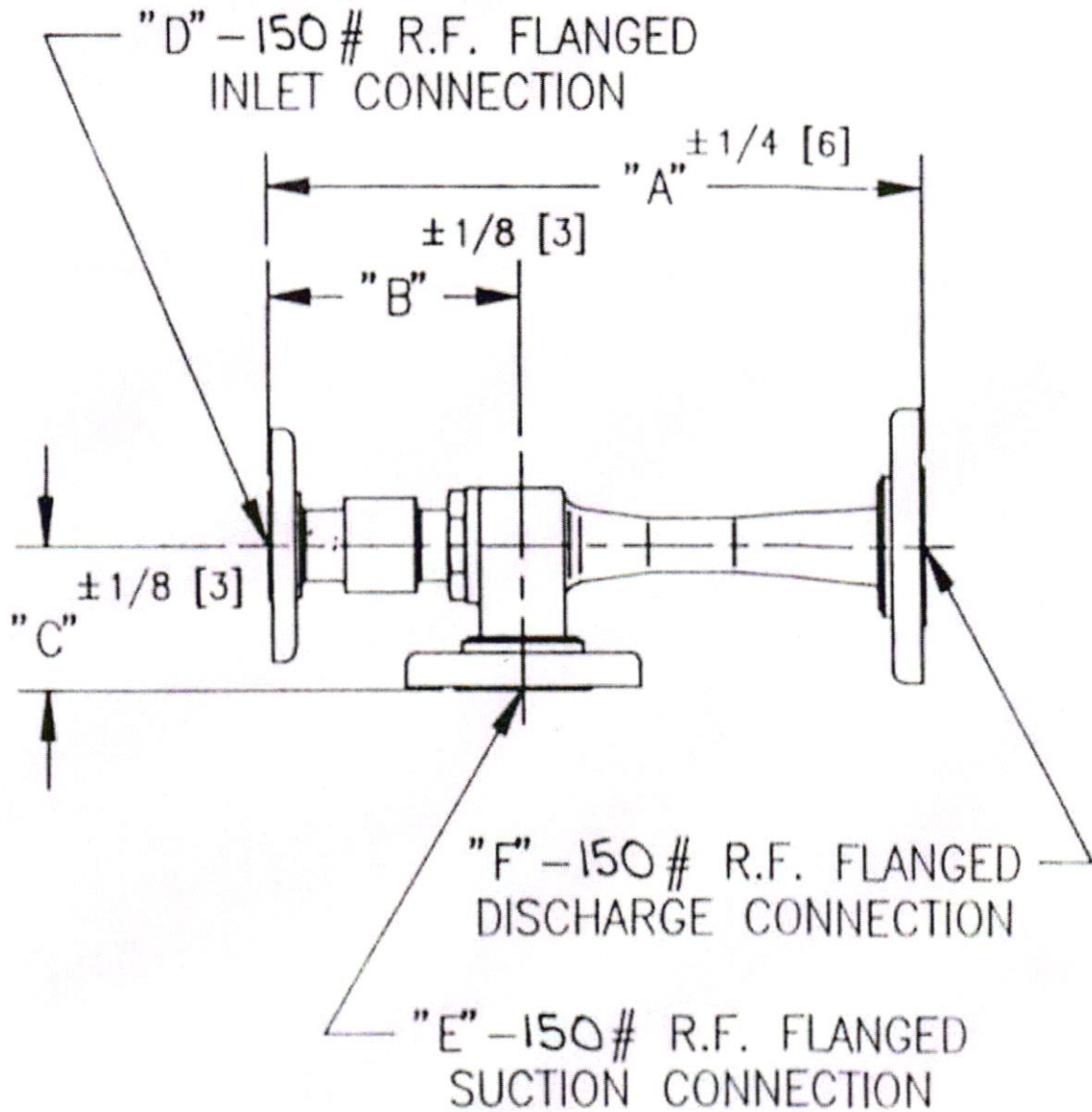
8. LIST OF APPLICATIONS

№	Name of the application	Number of sheets
1	Injector Drawing	1 (one)

**If there is a misunderstanding or an error in the English version of the terms of reference, use the Russian version.*



DESIGN RATING: 200 PSI @ -150 °F
1379 KPa @ -101 °C
125 PSI @ 400 °F
862 KPa @ 204 °C



Model : CL 1 1/2"	
A	13 15/16" (354mm)
B	5 3/8" (137mm)
C	2 3/4" (70mm)
D	1 1/2"
E	1 1/2"
F	1 1/2"

