

PLATE HEAT EXCHANGER TECHNICAL SPECIFICATION

GENERAL CONDITIONS

1-Material specifications of products must be equal to technical specifications which is expressed on EK.1.

2-Manufacturers are responsible of taking back the products which are not suitable for technical agreement.

3-The specifications which are mentioned in the documents must be presented with the heat exchangers. During the usage, if the values in the documents do not match the heat exchanger, customer has right to return the exchanger in 1 month.

4-The gaskets which are on the plates must not be glued type.

5-Heat exchangers must not be cross connection because of the hard maintenance and problem of finding spare parts.

6-Manufacturer companies must have TSE-HYB documents.

7-, Any holes on the plate are not acceptable

8- Suitable gaskets should be used for the suitable models.

9-Chocolate patterns should be used to allow homogenous flow.

10- The ports of heat exchangers should be stainless steel and they must be demountable type.

11- Connection ports must be welded to each other with a metal sheet instead of spiral pin to prevent dislocation.

12-If the ports of heat exchangers are flanged, its opposite flanges should be sent with heat exchanger.

13-There must be cylinder head gasket or O-ring gaskets used between flanged connection typed frames and counter flanges.

14-'CE' and 'Text confirmation' labels should be visible on the frame of the exchanger.

15-Bolts of heat exchangers must have safety equipments in order to prevent sudden pressure increase.

16-Heat exchangers thrust plates must have minimum 18 mm thickness.

17-Plate heat exchangers must have the technology of 3 channels gasket.

18- Bolts of heat exchangers should be fixed to the frame with connectors and channels of bolts should be bursty type, with these connectors, heat exchangers will be demountable.

19-If plates of heat exchangers have 'V' design, no other geometry will be used.

20-Connections of heat exchangers bolts must have safety washers.

21-Total length of the bolts and supports must be longer 1,6times than the parts which is used in assembly in order to increase the capacity of heat exchangers.

22-Manufacturer company has ISO 9001:2008,CE,and GHOST documents.

23-Documents ,which are given with heat exchangers,must have approval from ministry of industry.

24-If the manufacturer company is the distributor of a foreign company ,main company must give a special warranty and distributor company must provide the document with heat exchnagers.

25-Manufacturer company must deliver the copies of certificates about welding process which are valid in International fields to employees who are in a charge of weld process.

26-Local manufacturer companies must send the copies of product certificates ,which is about materials of exchangers, with the exchangers to their customers.

Technical Specifications

Material of gaskets	
Material of plate	
Thickness of plate	
Diameter of port	
Heat transfer area	
Material of frame	
Material of port	