



## NOTICE OF INSTRUCTIONS FOR EQF80X MANIFOLDS WITH SS9265 RELIEF VALVES (1/2)

The manifold is equipped with safety relief valves which are supposed to limit pressure under the LPG tank (Butane / Propane).

The manifold is supplied with the valves mounted.

**Thanks to the isolation valve, Safety relief valves can be replaced while manifold is still under pressure.**

**DO NOT DISASSEMBLE THE SAFETY RELIEF VALVES OR THE MANIFOLD'S PLATE\*.**

### 1- GENERAL DESCRIPTION :

2 types of manifolds : - DN80 (with 2 or 3 relief valves) : Flange Ø 210  
- DN100 (With 3 or 4 relief valves) : Flange Ø 254

The manifold is completely made of stainless steel and it consists of 2 parts: The body and the plate.

The plate is screwed on the body and it should never be disassembled.

The plate is equipped with an isolation valve which could be rotated, allowing to isolate alternatively each relief valves. A pressure test has been performed on the whole manifold.

### Technical Characteristics :

Max working pressure (PS)=20 bars  
Max working temperature(TS)=-20/+60°C

\*Cancellation of the warranty

### 2- ASSEMBLY :

The set (manifold plus relief valves) must be mounted on the tank by qualified operators, in compliance with safety rules regarding intervention on LPG tanks with appropriate means.

The tank must be drained before mounting the set.

Manipulate the set by the manifold's body and NEVER by the relief valves.

Fix the set on the tank with the flange by screwing M16 Bolts and M16 washers.

To liaise and sealing on the tank, please meet all the specifications of oil company regarding the choice of sealing gaskets, bolts, the torque specifications.

### 3- ISOLATION OF THE VALVE :

The axis of rotation of the isolation valve is located on centreline of the manifold's plate. It is equipped with hexagon manoeuvring and a pin indicating position of the isolation valve. Isolation of a relief valve is obtained by rotating the isolation valve under the relief valve by manoeuvring the hexagon (key 17 mm), the pin indicates the position of the isolation valve.

Do not forget to replace the isolation valve between 2 relief valves after isolation.

Only one single hole can be isolated at a time.

**PLEASE CHECK POSITION OF THE PIN ON THE MANOEUVRING HEXAGON.**

### 4- PERIODIC MAINTENANCE

The manifold must be replaced or re-qualified by EQUIP-FLUIDES every 10 years.

We disclaim any responsibilities if the manifold is re-qualified by a third party.



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### REPLACEMENT OF SS9265 RELIEF VALVE ON EQF80X MANIFOLD.

#### 1- GENERALITY

The SS9265 safety relief valve has been designed to equip EQF80X manifolds. It is completely made of stainless steel and it is mounted on the manifold with a male cylindrical thread M65 x 200

Set pressure of the valve is: 6 to 20 bar.

The set pressure is engraved on the hexagon of the relief valve.

#### 2- INSTRUCTIONS

**Mounting and dismounting of the relief valve needs to respect instruction of this notice.**

We disclaim any responsibilities in case of non compliance with the following instructions:

- 1) Position the pin of the manoeuvring hexagon front of relief valve witch needs to be replaced by using a 17mm key.
- 2) Unlock the relief valve by using a 75mm Key and unscrew slowly. The drain of the LPG under pressure contained between the isolation valve and the relief valve will appear at the beginning of the unscrewing, and will stop after complete evacuation by the holes provided for this purpose.
- 3) Completely unscrew the relief valve and then remove it. Remove the BS ring gasket.
- 4) Clean and check the thread on the manifold's plate. Do the same for the seal seat.
- 5) Lubricate the relief valve's threads with copper grease. Place a new BS ring gasket, Screw by hand the relief valve on the manifold and then, lock it by using a 75 mm key. Check that the relief valve is tight.

- 6) Reposition the pin on the manoeuvring hexagon between two relief valves. Now the new relief valve is operational.

**Check that the isolation valve is not isolating a relief valve after replacement. The pin on manoeuvring hexagon must be positioned between two relief valves.**

#### 3- PERIODIC MAINTENANCE

Systematic replacement with new relief valves every 10 years.

#### PRECAUTIONS

**CHECK THAT THE TANK IS EMPTY BEFORE MOUNTING THE SET (MANIFOLDS / RELIEF VALVES).**

**DO NOT UNSCREW MANIFOLD'S PLATE OR RELIEF VALVES UPON RECEIPT OF THE NEW SET**

**FOLLOW INSTRUCTIONS OF THE NOTICE FOR REPLACEMENT OF A RELIEF VALVE AND MOUNTING THE MANIFOLD WITH THESE RELIEF VALES**

**SS9265 RELIEFVALVES ARE DESIGNED TO BE MOUNTED ON EQF80X MAIFOLDS ONLY**

**CHECK THE CORRECT POSITION OF THE ISOLATION VALVE THANKS TO PIN ON THE MANOEUVRING HEXAGON.**

Non compliance to these instructions leads to the cancellation of the warranty.