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FLUIDIZATION EQUIPMENT MOUNTING AND MAINTENANCE

Mounting

The fluidization elements will be assembled according to mounting drawings. Correct assembly position is marked on the fluidization elements; there is an arrow which shall point **downwards**. It is very important that this is followed.

During assembly special attention shall be paid into cleanness to prevent dirt getting inside elements and nozzles.

Operation pressure of elements is between 50 kPa - 100kPa (0,5 - 1 bar). Correct pressure depends on the fluidized material and usually needs testing various pressure values for each use of purpose.

Maintenance

The compressed air for fluidization must be clean, dry and oil-free. The plant compressor must be equipped with effective air dryer and coarse and fine filters to prevent oil and dirt entry fluid elements. There shall be water separators in compressed air piping before fluid elements also. Water separators must be serviced regularly.

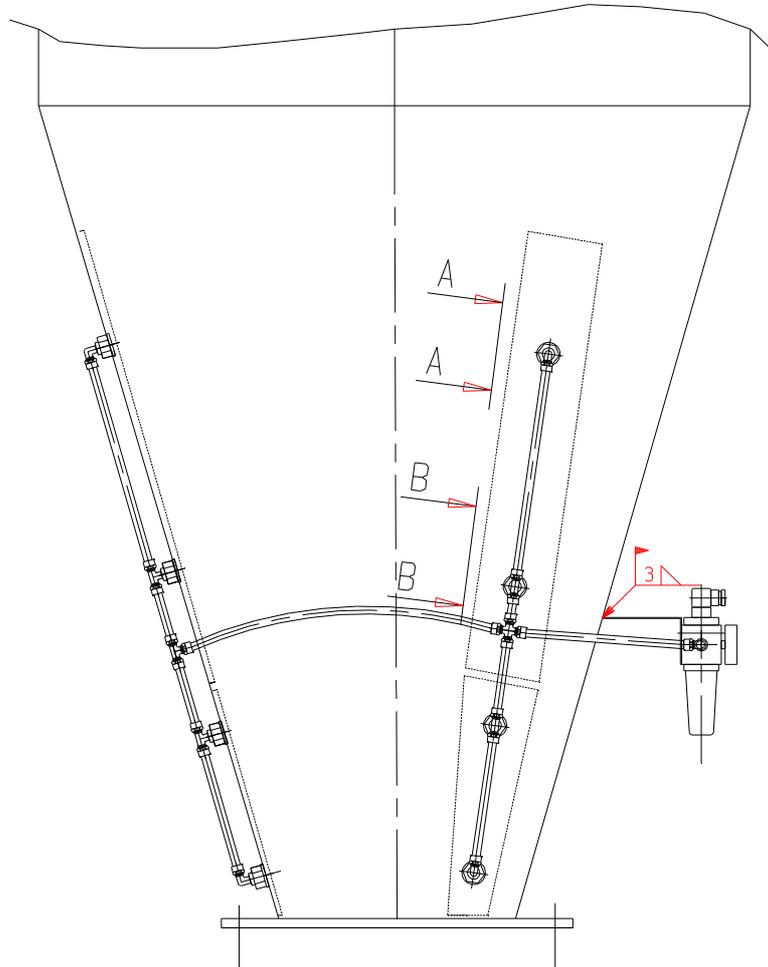
Check regularly that there are no leaks in pressure piping (few months interval).

NOTE! **Materials handled in process may be toxic, inflammable, explosive or physiologically harmful. Lahti Precision is not responsible for risks caused by handled materials**

CAUTION! **There is always risk when handling compressed air. The maintenance crew must be careful and always wear personal safety equipment when working with pneumatic device.**

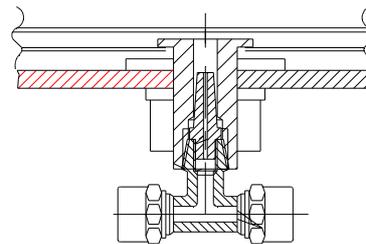
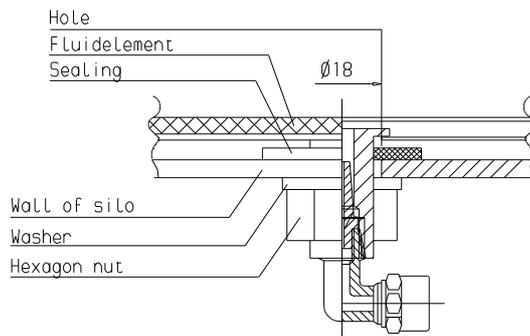
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SECTION A A

SECTION B B



Sketch 1. Mounting of fluid elements