

RELY ON EXCELLENCE

## LSA6 Leakage collection reservoir

API 682 4th edition product range | Seal supply systems |  
Leakage detection and collection

### Features

The EagleBurgmann leakage control systems of the LSA6000 range in accordance with [API Plan 65A](#) consist of a leakage collection tank with integrated orifice and overflow pipe. The level can be monitored with the differential pressure transmitter which is supplied together with a five-way manifold valve.

### Functional description

In accordance with API Plan 65A, the LSA6000 leakage control system is used to discharge leakage from single seals. The outboard leakage is collected in an external tank; the leakage volume is monitored (level in the tank).

### Notes

Design and production in accordance with EU Pressure Equipment Directive PED 2014/68/EU available.

Design, calculation and production available acc. to ASME VIII, Div. 1.

3rd party inspection, ASME stamp on request.

### Advantages

- Seal failure detection
- Safe discarding of excessive seal leakage
- To ensure durability, all components are corrosion resistant.

### Standards and approvals

- API 682 / ISO 21049
- API 682 4th ed. Cat. 2/3 - 1CW-FL
- API 682 4th ed. Cat. 1 - 1CW-FX

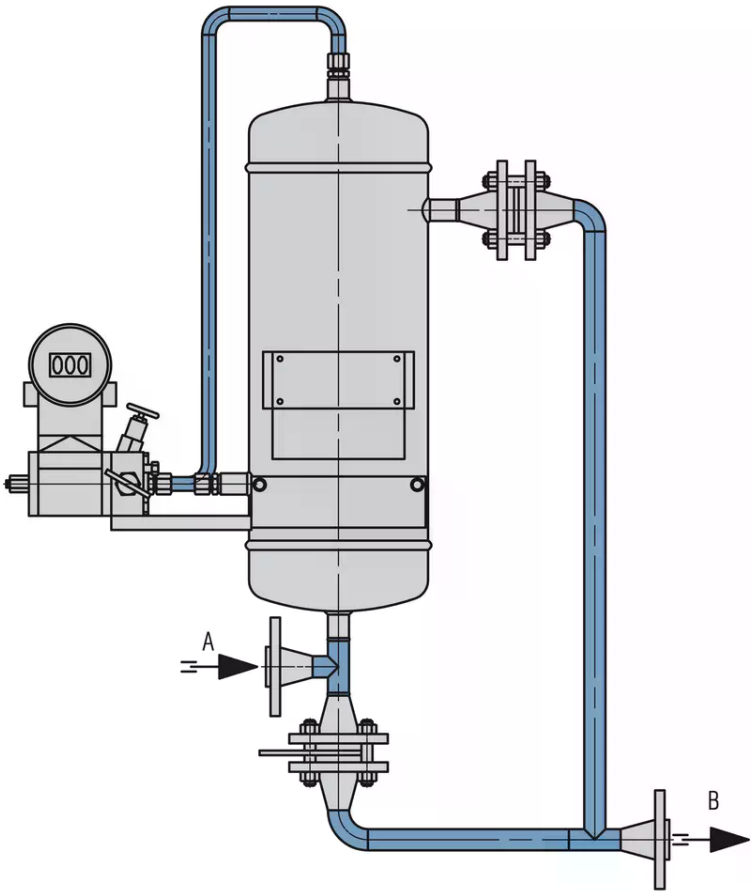
### Recommended applications

- Refining technology
- Oil and gas industry
- Petrochemical industry
- Chemical industry
- Power plant technology

### Recommended piping plans

API Plan 65A

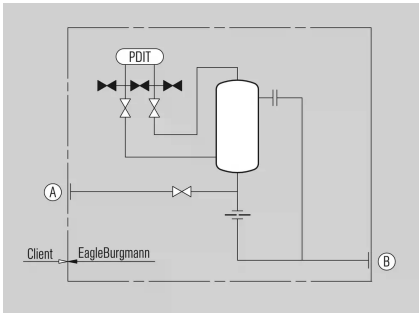
RELY ON EXCELLENCE



LSA6000A4

A From mechanical seal  
B To leakage collection system<

### Installation, details, options



P&ID for LSA6000A4  
Leakage collection system

A From mechanical seal  
B To liquid collection system

## RELY ON EXCELLENCE

### Product variants

Designation	LSA6000A4
Design code	PED 2014/68/EU   ASME VIII, Div. 1
Volume of vessel (liters)	4
Allowable pressure <sup>1)</sup>	44 bar (638 PSI)
Allowable temperature <sup>1)</sup>	-20 °C ... +120 °C (-4 °F ... +248 °F)
Process connections	Flange 3/4", 600 lbs
Metal parts	316/316L

Other versions on request.

1) Design data, permissible working values depend on the actual conditions of service.