



MIB 303 Separation System

Safety

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Any comments regarding possible errors and omissions or suggestions for improvement of this publication would be gratefully appreciated.

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1 Safety Instructions

1.1 Warning Signs

Pay attention to the safety instructions in this manual. Below are definitions of the grades of warning signs used when there is a risk to personnel:

	WARNING Type of hazard
<p>This type of safety instruction indicates a situation which, if not avoided, could result in disabling injury, or disabling damage to health.</p>	

	CAUTION Type of hazard
<p>This type of safety instruction indicates a situation which, if not avoided, could result in light injury, or light damage to health.</p>	

The warning sign used when there is a risk to equipment:

NOTE

This type of safety instruction indicates a situation which, if not avoided, could result in damage to equipment.

This warning sign is also used when there is a need to stress important information:

NOTE

This sign is used to stress important information, e.g. how to read this system manual.

1.2 Specific Factors

The centrifugal separator includes parts that rotate at high speed, generate high centrifugal forces, and take a long time to stop rotating.

Materials are carefully chosen and parts are designed with extremely fine manufacturing tolerances. Rotating parts are carefully manufactured and balanced to reduce vibration and wear and tear and to withstand stress and fatigue.

The separation system is designed and supplied for a specific function (type of liquid, rotational speed, temperature, density, etc.) and must be used for this function only, and strictly within Alfa Laval's specifications.

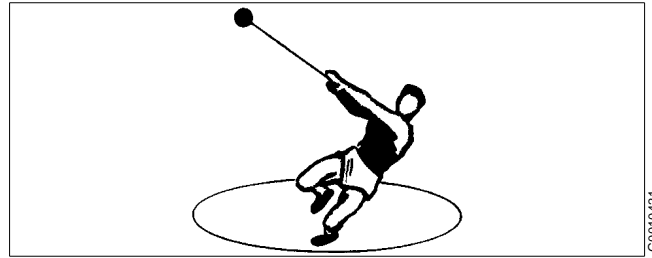
Incorrect operation or maintenance may lead to serious injury or damage.

These compulsory safety instructions apply:

- Use the separator only for the purpose and parameter range specified by Alfa Laval.
- Strictly follow the instructions for installation, operation and maintenance.
- Ensure that personnel are fully trained and competent in operation, maintenance and emergency procedures.
- Use only Alfa Laval genuine spare parts and the special tools supplied.

NOTE

If safety instructions and installation instructions in this manual are not strictly followed, Alfa Laval cannot be held responsible for any malfunction or injuries resulting.



**WARNING**

The separator is fitted with a safety yoke and a magnetic safety switch. Modifications to the machine which put the safety device out of operation can lead to serious injury or damage.

Entrapment hazard

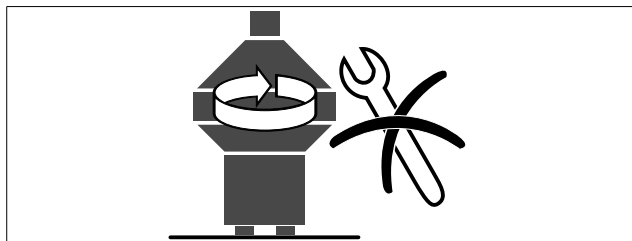
Do not start maintenance work unless the power is switched off and the inlet and outlet are shut.

**CAUTION****Slip hazard**

Oil spills may make floors slippery.

Entrapment hazard

Do not begin maintenance work while the machine is still rotating.



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NOTE

Be sure to study all relevant documentation supplied and become familiar with the function and operation of the system and each particular unit.

If safety instructions, installation specifications and additional installation information in this manual are not strictly followed, Alfa Laval cannot be held responsible for any malfunction or injuries resulting.

