

## 1.5 Checklist and Questionnaire.



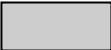
Replacement of mixer.


**Project name:** \_\_\_\_\_ **Project country:** \_\_\_\_\_

**Project phase:**

Idea phase                       Design phase                       Tendering phase

**Basin data (please enclose a drawing)**

<input type="checkbox"/> Round tank		<input type="checkbox"/> Annular tank		<input type="checkbox"/> Rectangular tank	
No. of tanks: _____ pcs		No. of tanks: _____ pcs		No. of tanks: _____ pcs	
Diameter: _____ m		Outer ø: _____ m		Length: _____ m	
Depth: _____ m		Inner ø: _____ m		Width: _____ m	
Volume: _____ m <sup>3</sup>		Depth: _____ m		Tank depth: _____ m	
		Volume: _____ m <sup>3</sup>		Volume: _____ m <sup>3</sup>	

<input type="checkbox"/> Circulation channel		Constant water level?
No. of tanks: _____ pcs		<input type="checkbox"/> Yes
No. of channels: _____ pcs		<input type="checkbox"/> No
Straight Length: _____ m		Min. water depth: _____ m
Channel width: _____ m		Max. water depth: _____ m
Depth: _____ m		Calculation relevant filling level: _____ m
Volume: _____ m <sup>3</sup>		

Inflows and outflows acc. to drawing/sketch + pls. add further details

### 1.5.1 Reason for the replacement?

- Energy cost saving
- Frequent damages of the machine
- There are damages because of:
  - wrong positioning
  - wrong selection
  - aggressive liquid
  - abrasive liquid
  - \_\_\_\_\_
- Type of breakdowns: \_\_\_\_\_
- Frequency of breakdowns: \_\_\_\_\_
- Unsatisfied with „After-Sales“ (Service, spare parts supply...)
- Other/experiences of the user: \_\_\_\_\_

### 1.5.2 Information about the mixer installed up to now

Manufacturer: \_\_\_\_\_

Type: \_\_\_\_\_

(pls. add information sheet "Type designation codes")

Year of manufacture: \_\_\_\_\_

Operation hours: \_\_\_\_\_ h/year

Number per tank: \_\_\_\_\_

Total weight incl. guide skid: \_\_\_\_\_ kg

### 1.5.3 Information about the installed lowering device

Manufacturer: \_\_\_\_\_

Type: \_\_\_\_\_

Is the lowering device to be kept?

Yes       No

**If „yes“:**

Has the device been checked for wear?

Yes       No

Has the device its original condition?

Yes       No

Has the device already been modified?

Yes       No

Dimensions

50 x 50     80 x 80     120 x 120

60 x 60     100 x 100     other

Can an inspection of the existing lowering device be made in connection with emptying/cleaning of the tank?

Yes       No

**If „No“:**

Can the installation of the new lowering device be made in connection with emptying/cleaning of the tank?

Yes       No

Can the installation of the new lowering device be made by a diver?

Yes       No

## 1.5.4 Information about lifting device

Manufacturer: \_\_\_\_\_

Type: \_\_\_\_\_

Year of manufacture: \_\_\_\_\_

## 1.5.6 To be considered in addition

- High chloride content
- Sand content
- Different charges of the plant depending on the season

## 1.5.5 Additional tools for a new selection

- General plan\*
- Installation drawing\*
- Sketch with dimensions
- Pictures\*\*
- Operation manual
- Name plate
- \_\_\_\_\_

\* Discuss with the user!  
Construction acc. to plan?

\*\* Please take informative pictures of all units and plant parts from different views.

**Please send the completely filled checklist to:**

WILO SE, Werk Hof

Group Competence Team Waste Water Treatment

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