

# QUESTIONNAIRE for the Erection of Cleaning Systems

Company: \_\_\_\_\_ Order no.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Officer in \_\_\_\_\_ Phone no.: \_\_\_\_\_ Fax no.: \_\_\_\_\_  
 Product range: \_\_\_\_\_ e.g. soft drinks, milk, beer, ...  
 Possible deposits:  sugar  fat  protein  minerals  .....

				System capacities
Required flow ranges of the cleaning cycles:	Cycle 1	min ... l/h	max. ... l/h	approx ... l
	Cycle 2	min ... l/h	max. ... l/h	approx ... l
	Cycle 3	min ... l/h	max. ... l/h	approx ... l
	Cycle 4	min ... l/h	max. ... l/h	approx ... l

	Process steps	Tank cleaning	Pipeline cleaning
	Prerinsing, cold *	2 min * or .....	2 min * or .....
	Caustic t = 50.. 85°C * or ..... Concentration 0,5...2 % od. ....	5...8 min * or .....	5...8 min * or .....
	Acid t = 50...70°C * or ..... Concentration 1...2 % od. ....	5 min * or .....	5 min * or .....
	Hot water t = 70...85°C * or ..... .....	5 min * or .....	2...5 min * or .....
	Rinse-out water, cold * or .....°C	2...4 min * or .....	2...4 min * or .....
	Desinfectant ..... % Concentration	4 min * or .....	4 min * or .....
	Rinse-out water, cold	2...4 min * or .....	2...4 min * or .....

\* approximate values

## Required tanks:

	Prerinsing water tank	Contents ... l	Material no. 1.4301
	Caustic tank, insulated	Contents ... l	Material no. 1.4571
	Acid tank, insulated	Contents ... l	Material no. 1.4571
	Hot water tank, insulated	Contents ... l	Material no. 1.4301

Rinse-out water tank	Contents ... l	Material no. 1.4301
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**Utilised cleaning agents:**

Prerinsing water	Stored rinse-out	
Caustic		Feeding <i>not</i> in the scope of delivery
Acid		Feeding <i>not</i> in the scope of delivery
Desinfectant		Feeding <i>not</i> in the scope of delivery
Rinse-out water	Product water	Feeding <i>not</i> in the scope of delivery

**Energy carrier:**

Hot	t ... °C	Overpressure ... bar			
Steam	t ... °C	Overpressure ... bar	Condensate return	yes	no

**Components:**

Heat exchangers :	Plate	Make:	.....		
	Pipe bundle	Make:	.....		
Feed pumps:	Max. overpressure ... bar	Make:	.....		
Valves:	Double-seat leakage valve	Make:	.....		
	Double-seat butterfly valve	Make:	.....		
	Control valve	Make:	.....		
Conductivity meter:	Make:	.....			
Controller:	Make:	.....			
Mains voltage:	... V	... Hz			
Air pressure:	min. 6 bar	max. ... bar			
Material of product-contact parts:	1.4301				
Sealing elements:	EPDM				

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( Signature )