



Matsui Machine Ltd

*** Simulation request form *** (Case for distillation/new construction tower)

Date :

Item No :

Equipment name :

Object

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Outline of specification for process (Graphic interpretation with skelton etc...)

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Design specification

Overhead pressure (mmHga , kg/cm2G , kpaG , kpaA) ※Please circ			
Condition of liquid phase (please write wt or vol in case of ppm)		Condition of gas phase	
Liquid composition	.....	Gas composition	.....

Feed flow(kg/hr)	.....	Gas volume(kg/hr)	.....
Feed temperature(°C)	.....	Gas temperature(°C)	.....
Reflux temperature(°C)	.....		.....

Specific condition for separation (Purity of products, Recovery etc...)

Required SPEC	.....

Other

Range of operation (Min ~ Max)	%	~	%
Presence or absence of condenser	Presence	Absence	Exit temperature :
Presence or absence of reboiler	Presence		Absence
Presence or absence of steam blowing the bottom	Presence	Absence	Exit temperature, pressure :
Allowance of pressure drop in tower	Unit : (mmHg , mmH2O , kpaA) ※Please circle		
Presence or absence of possibility of two types of solution layer	Presence		Absence
Material of packing	.....	
Material of internals	.....	
Material of tower	Design temperature & pressure :		
Applicable regulations of tower	Technique of support :		
Presence or absence of foaming	Presence	Absence	Foaming factor :
Presence or absence of grime	Presence	Absence	Specification :
Other(Problem about present operation etc...)	.....	