

Date :

Item No :

Equipment name :

Object

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

Design specification

Overhead pressure (mmHg _a , kg/cm ₂ G , kpaG , kpaA) ※Please circle			
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 , mmH ₂ O , 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...)				

***** Simulation request form *****
(Case for distillation/remodeling existing tower)

Specification of existing tower

	Part	Packing height	Types and size of packing	Material
Enriching section	1st BED			
	2nd BED			
	3rd BED			
	4th BED			
	5th BED			
	Internals			
Stripping section	1st BED			
	2nd BED			
	3rd BED			
	4th BED			
	5th BED			
	Internals			

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

Required SPEC		
Theoretical plate	Enriching sec. Stripping sec.	Ratio of reflux:
Others		

※Please send us drawings of existing tower and detail drawings of internals.