

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 circle			
Initial charge	Composition:		Still holding capacity (kg) :
	Composition:		Still holding capacity (kg) :
	Composition:		Still holding capacity (kg) :
	Composition:		Still holding capacity (kg) :
	Composition:		Still holding capacity (kg) :
Total initial volume(kg)			
Composition of distillation		Composition of still residue	
Distillation(Reflux)volume (kg/hr)		Still residue vaolume (kg/hr)	
Distillation(Reflux) temperature (°C)			
Time of 1 batch			

※Time of 1 batch : Please count the time since first drop and distillation have been started.

No including the time required of holding distilland, the time of rising temperature, reflux time and hold up liquid after stopping distillation + the time of removing still residue

**Specific condition for separation**

Required SPEC	
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**\*\*\* Simulation request form \*\*\***  
**(Case for batch distillation/remodeling existing tower)**

**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...)			

**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			

**Specification condition for separation**

Required SPEC	
Theoretical plate	Ratio of reflux :

**Other**

Performance of you company (Please write it for reference)	Batch time						
	1st hour	2nd hour	3rd hour	4th hour	5th hour	6th hour	7th hour
Reflux volume(m3/hr)							
Ratio of reflux							

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