

Date :

Item No :

Equipment name :

**Object**


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


**Design specification**

Overhead pressure (mmHga , kg/cm2G , kpaG , kpaA) ※Please circle

Condition of liquid phase (please write wt or vol in case of ppm)

Inlet		Exit (Diffusion SPEC)	

Flow(kg/hr)		Temperature(°C)	
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Absorber name			
Presence or absence of upper limit of liquid	Presence	Absence	Upper limit (kg/hr, m3/hr) ※Please circle:

Condition of gas phase (please write wt or vol in case of ppm)

Inlet		Exit (Absorption SPEC)	

Flow(kg/hr)		Temperature(°C)	
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**Specification condition for absorption(diffusion)**

Required SPEC	

# \*\*\* Simulation request form \*\*\*

## MML (Case for absorption/remodeling existing tower)

**Other**

Range of operation for liquid phase (Min ~ Max)	%	~	%
Range of operation for gas phase (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 current absorption(diffusion)**

Required SPEC		
Theoretical plate		
Height and number of transfer unit	Hog	Nog
Other		

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