CH 4250: Process Engineering

Assignment 4

the production of cyclohexar		
• •	nent sizes you have calculated previously	y, estimate the total capital cos
for all the major equ	ipment.	
Equipment	Size	Cost (\$)
2. Also, estimate the a	annual operating cost for running the po+c) / KBTU and cost of cooling is \$(19 -	
	o+c) / KBTU and cost of cooling is \$(19 -	
2. Also, estimate the a	o+c) / KBTU and cost of cooling is \$(19 -	
2. Also, estimate the a heating is \$(30 + a+l last 3 digits of your r	o+c) / KBTU and cost of cooling is \$(19 -	-a+b-c) /KBTU where abc is the
2. Also, estimate the and heating is \$(30 + a+least 3 digits of your name) Item Heating	o+c) / KBTU and cost of cooling is \$(19 -	-a+b-c) /KBTU where abc is the
2. Also, estimate the a heating is \$(30 + a+1 last 3 digits of your r	o+c) / KBTU and cost of cooling is \$(19 -	-a+b-c) /KBTU where abc is the
2. Also, estimate the and heating is \$(30 + a+least 3 digits of your results) Item Heating Cooling	o+c) / KBTU and cost of cooling is \$(19 -	-a+b-c) /KBTU where abc is the
2. Also, estimate the a heating is \$(30 + a+l last 3 digits of your relations) Item Heating Cooling Total	o+c) / KBTU and cost of cooling is \$(19 -	-a+b-c) /KBTU where abc is the Cost per year (\$ / yr)
2. Also, estimate the a heating is \$(30 + a+l last 3 digits of your relation) Item Heating Cooling Total 3. If the design specification is a specification in the second in the sec	o+c) / KBTU and cost of cooling is \$(19 - roll number. Amount per year (BTU / yr)	Cost per year (\$ / yr)
2. Also, estimate the a heating is \$(30 + a+leating is \$(30 + a+le	co+c) / KBTU and cost of cooling is \$(19 - coll number. Amount per year (BTU / yr) Accations of the distillation column is re	Cost per year (\$ / yr) elaxed to allow any number of apital cost significantly? What is
2. Also, estimate the a heating is \$(30 + a+leating stages, can the process.) 2. Also, estimate the analysis and also and also and also are also and also also and also are also and also also and also are also and also are also also are also also are also are also also also also also also also also	Amount per year (BTU / yr) Cotations of the distillation column is recess design be modified to reduce the care	Cost per year (\$ / yr) elaxed to allow any number of apital cost significantly? What is
2. Also, estimate the a heating is \$(30 + a+leating is \$(30 + a+leating)] Item Heating Total 3. If the design specific stages, can the proceed the impact of this chemical stages.	Amount per year (BTU / yr) cations of the distillation column is reess design be modified to reduce the catange on operating cost? Other specs sho	Cost per year (\$ / yr) claxed to allow any number of apital cost significantly? What is all remain the same.

Deliverables (DUE DATE: 20 Feb 2022, 11:00pm)

- 1. Two page report in pdf format
- 2. Aspen Plus file (named as per your Roll Number)