

## *Gas Processing II*

Assignment #1 : Amine & TEG Systems

Point Value: 100

1. Identify each individual piece of Equipment on the PFD's. Using the Equipment Tags that is on the PFD's; in your Report identify the equipment by its specific Tag Number and give a detailed description of each piece of Equipment. Your description must included the following:
  - Tag Number
  - The Equipment Name
  - The function of the equipment
  - How it performs this function

EXAMPLE:

Tag Number: P-505

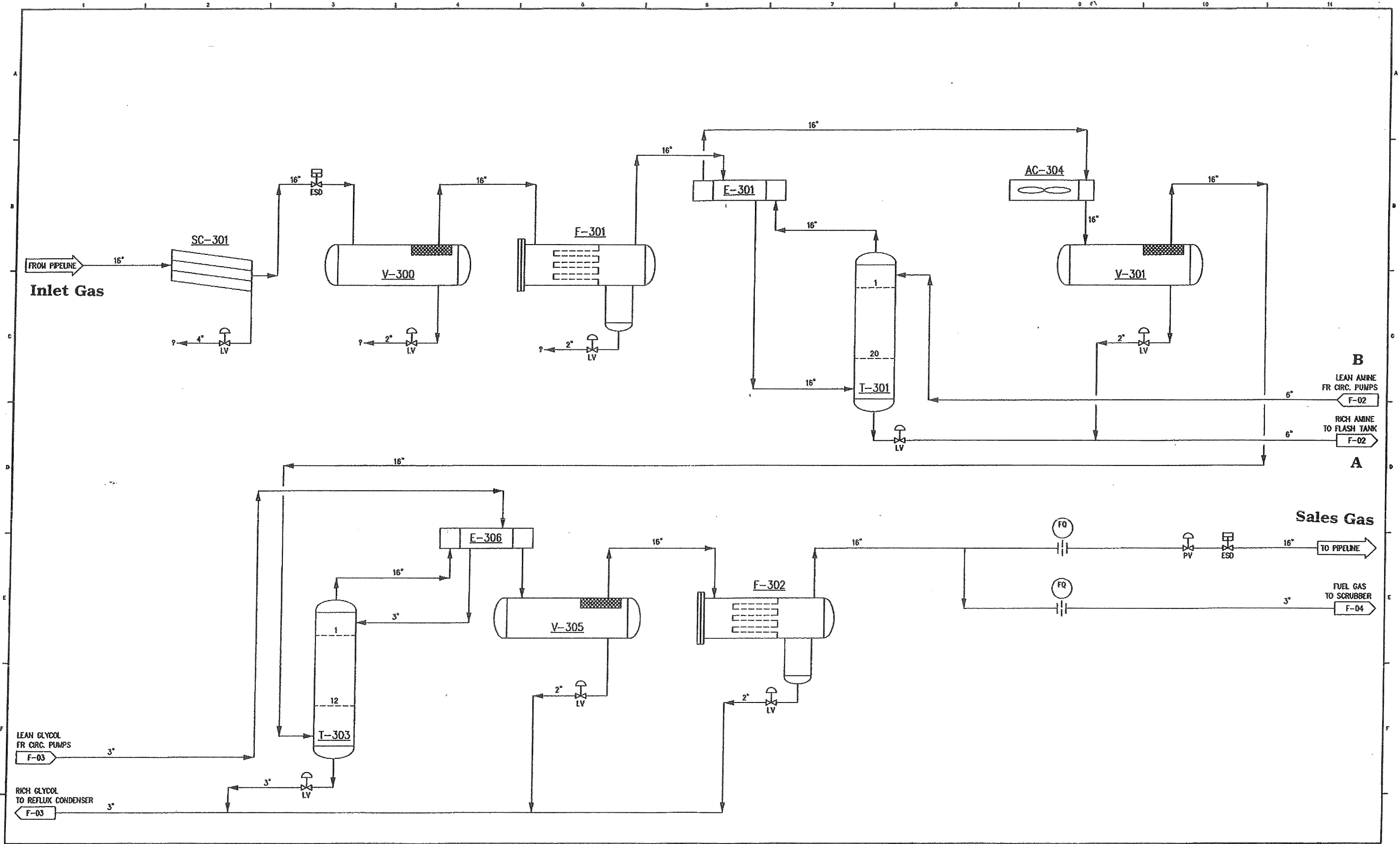
Equipment Name: Amine Circulation Pump

Function: Deliver lean amine to the Amine Contactor

How: These are high pressure pumps that take the lean amine from the Surge Tank (Tag: V-404), and pump the lean amine to a pressure high enough to deliver the amine to the top of the Amine Contactor (Tag: T-202).

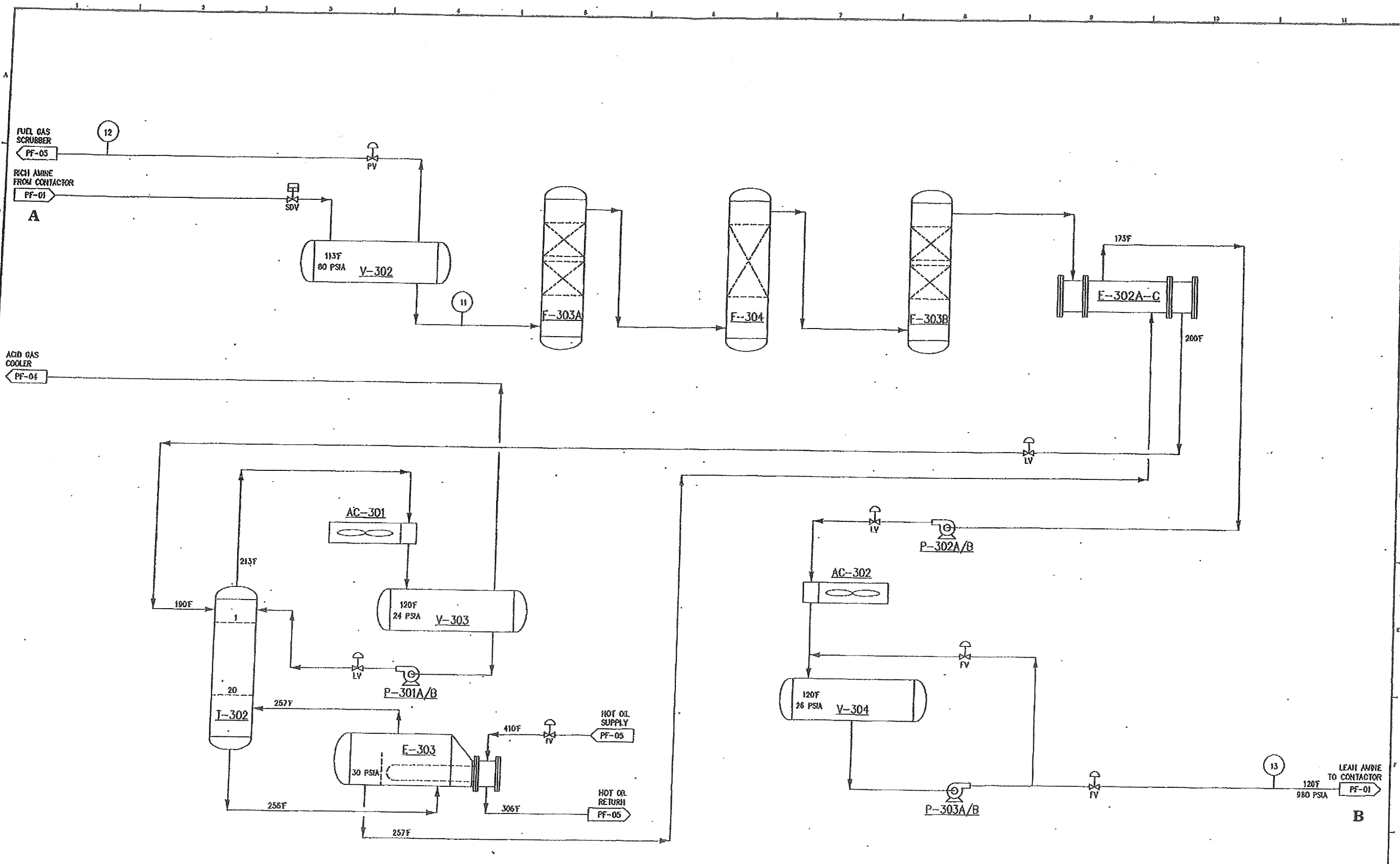
2. Your report is to be neat and legible. The Report will be graded on accuracy, completeness, detail, neatness and professionalism.
3. Your Report is due next week. It will NOT be accepted after this due date. It is to be turned in with the PFD's, and the Report is to be attached to the back of the PFD's by staple. Make sure your name is on the report and that it is PRINTED and LEGIBLE. If you Report is not in this format it will not be accepted and you will receive no points for this assignment.

AMINE



NOTES:		REFERENCE DRAWINGS:		This drawing is the sole property of S-CON, Incorporated and is loaned to the borrower for his confidential use only. The borrower promises and agrees to return it upon request and agrees that it shall not be reproduced, copied, loaned or otherwise disposed of, nor used for any purpose other than that for which it is furnished without the written permission of S-CON, Incorporated.		DRAWN BY: JDEAL CHECKED BY: MRE APPROVAL: MRE CLIENT APPROVAL: DATE: 11-10-03 SCALE: NONE		CLIENT: XTO ENERGY PROCESS FLOW DIAGRAM HIGH PRESSURE GAS TRAN FARRAR TREATING PLANT JOB: SC-1334 DPO: D-1334-PF-01 REV: A	
REV.	DATE	DESCRIPTION	REVISIONS	APP'D.					
A	11-10-03	ISSUED 1ST REVIEW		JD					

AMINE



NOTES:	REFERENCE DRAWINGS:	<p>This drawing is the sole property of S-CON, Incorporated and is loaned to the borrower for his confidential use only. The borrower promises and agrees to return it upon request and agrees that it shall not be reproduced, copied, stored or otherwise disposed of, nor used for any purpose other than that for which it is furnished without the written permission of S-CON, Incorporated.</p>				DRAWN BY: MRE CHECKED BY: MRE APPROVAL: CLIENT APPROVAL: DATE: 01/21/08 SCALE: NONE	CLIENT: TREND GATHERING & TREATING, L.P. PROCESS FLOW DIAGRAM AMINE REGENERATION TEAGUE GAS PLANT JOB: SC-1846 DWG: D-1848-PF-03 REV: 0
		0 1/24 ISSUED FOR CONSTRUCTION MRE REV. DATE DESCRIPTION APPD.					