

ET-4301
REGENERATION CONDENSER
SIZE: 2160 FT²
CAPACITY: 11.6MM BTU/HR
MATERIAL: 304/316 SS
25 PSIG/ FV @ 250°F

TP-4304
DEPRESS. COND. RECEIVER
SIZE: 3'-6"Ø x 6'-0"
CAPACITY: 400 GALLONS
MATERIAL: 304L SS
25 PSIG/ FV @ 220°F

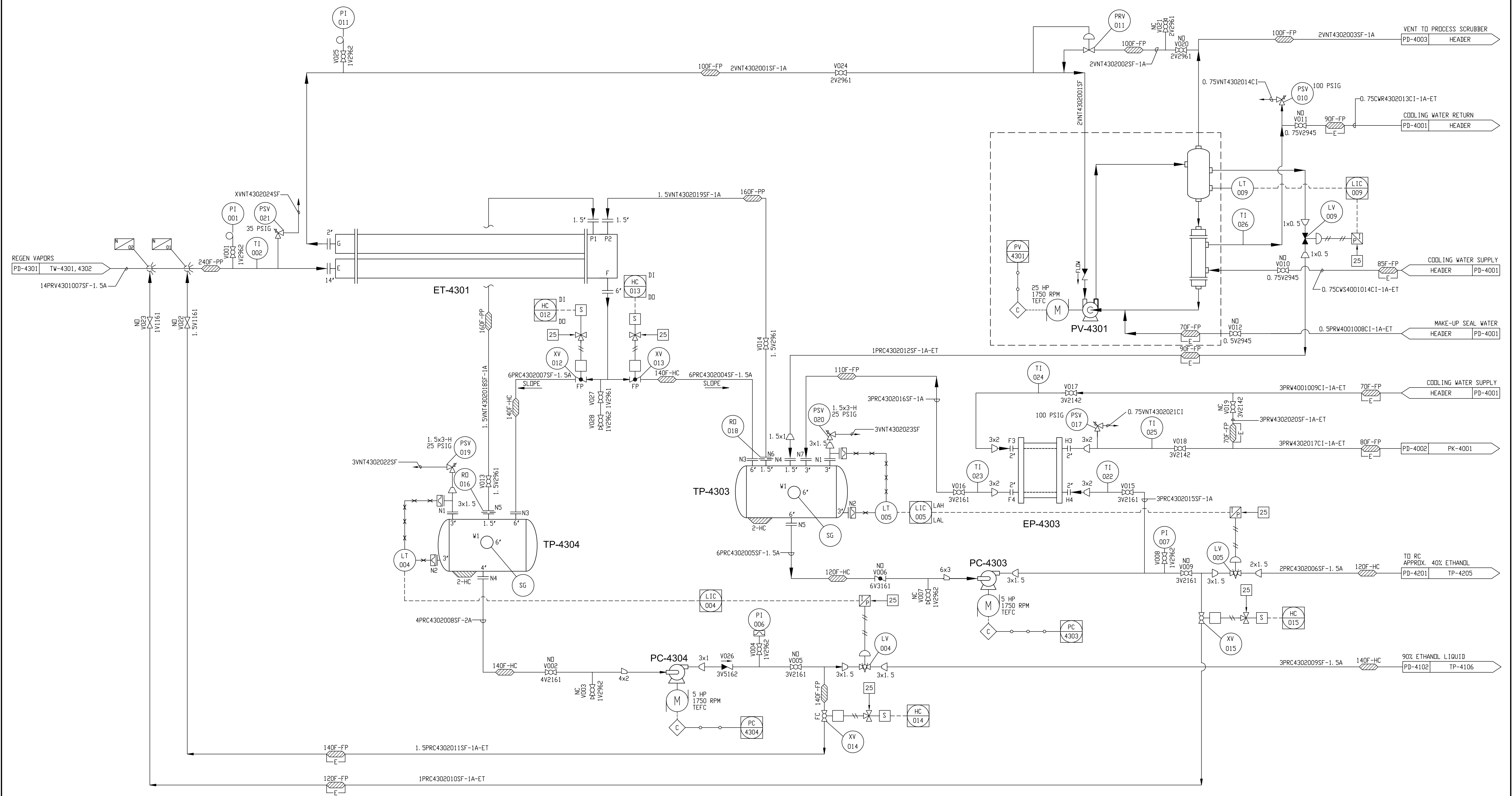
PC-4304
DEPRESS. COND PUMP
SIZE: 1x2-10
CAPACITY: 30 GPM @ 105 FT
MATERIAL: 316 SS
GOULDS 3196LF LTX

TP-4303
REGEN. COND. RECEIVER
SIZE: 3'-6"Ø x 6'-0"
CAPACITY: 400 GALLONS
MATERIAL: 304L SS
25PSIG/ FV @ 220°F

PC-4303
REGENERATION PUMP
SIZE: 1.5x3-10
CAPACITY: 100 GPM @ 60 FT
MATERIAL: 316 SS
40% ETHANOL TO TW-4102
GOULDS 3196 MTX

EP-4303
REGENERATION COOLER
SIZE: 146 FT²
CAPACITY: 0.32 MM
MATERIAL: 304LSS
100 PSIG @ 250°F

PV-4301
VACUUM PUMP
CAPACITY: 71 ACFM @ 1.9
PSIA, 120°F
MATERIAL: 316 SS



CONFIDENTIAL

RELEASED FOR
DETAILED DESIGN
DATE: 11/15/06 BY: JL

THERMAL KINETICS
Engineering, PLLC & Systems, LLC
Evaporation/Distillation/Chemical Reaction/Process Design & Energy Conservation
667 Tiftt Street Buffalo, NY 14220

THIS DRAWING IN DESIGN AND DETAIL IS THE PROPERTY OF THERMAL KINETICS, AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED. ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED. COPYRIGHT 2006

REV	REVISION	DATE ISSUED	DWN BY	CHK BY	LPSI APPD
0	RELEASED FOR DETAIL DESIGN	11-15-06	LVN	JL	

DISTILLATION, DEHYDRATION & EVAPORATION
PIPING & INSTRUMENTATION DIAGRAM
DEHYDRATION
CONDENSER

Lurgi
Lurgi PSI, Inc.
A Lurgi AG Company

DWG Ref. No. 73338-PD-4302-01-0
DRAWN BY: MJB
CHECKED BY: -
SCALE: NONE
SHT. NO. 1 of 1
REV. 0