V-524
AMINE SURGE TANK
SIZE: 1676mm I.D. x 4267mm S/S
TYPE: HORIZONTAL
DESIGN: 517 kPa @ 93°C/-29°C
C.A.: 2mm

P-525A/B
BOOSTER PUMPS
MODEL: UNION
TYPE: 2x3x7 VCM
CAPACITY: 176 USGPM @ 92 FT HEAD
MOTOR: 7.5 H.P. @ 3600 RPM
460/3#/60 HZ, XP, 1.15 SF

V-514
AMINE FLASH TANK
SIZE: 1829mm I.D. x 2438mm s/s
TYPE: VERTICAL 3-PHASE
DESIGN: 1034 kPa @ 93°C/-29°C
C.A.: 3mm

F-516
AMINE FILTER
TYPE: PARTICLE FILTER (BUILT BY TDE)
SIZE: 508mm x 1219mm s/s(1000 APPROX DIA)
ELEMENTS: (12) DANVIC SERIES 37
ABSOLUTE RATED #FE378OCDBE
DESIGN: 1034 kPa @ 93°C/-29°C, C.A. - 3mm

E-518
AMINE/AMINE PLATE EXCHANGER
TYPE: APV
MODEL: SR6CL-DII-10
DESIGN: 1034 kPa @149°C/-29°C
DUTY: 6,618,000 BTU/h

F-517
CHARCOAL FILTER
TYPE: CARBON FILTER (BUILT BY TDE)
SIZE: 762mm O.D. x 1219mm S/S
ELEMENTS: (14) DANVIC CARBON CANISTERS
DESIGN: 1034 kPa @ 93°C/-29°C, C.A. - 3mm

AMINE UNIT BUILDING SKID LIMITS

AMINE SKID
PEHd83C-220-0007
FLARE HEADER 219

PEHd83C-220-0007
FUEL GAS 60

PEHd83C-220-0007
FROM P-527A/B 60

BYPASS FROM
PEHd83C-220-0007
PUMPS P-527A/B 60

AMINE SKID
PEHd83C-220-0009
FLARE HEADER 219

PEHd83C-220-0009
FUEL GAS 60

TO AMINE
PEHd83C-220-0009
REGENERATOR V-520

FROM AMINE
PEHd83C-220-0010
REBOILER H-523

168-A1-119

CHEM INJ.

CHECK NO TAG 60x114 SET @ 524 kPa PSV 524

SET @ kPa CHECK NO TAG PCV 524

CHECK NO TAG SET @ kPa PRV 524

V-524 508 MW MESH PP

TI 524 LG 524 LAH 524 LSH 524 LSL 524 LAL 524 LC DP CELL

PLC PI 524

DO NOT POCKET 168

25 PP

P-525A P-525B

PI 525A PI 525B

168x89 FOT F.P. R.P.

TO P-527A/B
PEHd83C-220-0007
SUCTION 60

60 NC

AMINE DRAINS
PEHd83C-220-0007 60

RICH AMINE
PEHd83C-220-0007
FROM T-512 168

CHEMICAL INJECTION POINT

MISSING PI 160 TI 518 DPI PI PSV 518 48x89 SET @ 150psi 1034 kPa

TI 519 PI 519 LCV 518 25H 33H

DISCONNECTED DPI PI 518 TI 162 PI 163 TI 21BA

DO NOT POCKET

CHEMICAL INJECTION POINT

F-518

SET @250 PSI =1724KPa PCV 514 BDV 514 F.O

89x114 SET @ 150 psi= 1034KPa PSV 514

60x33

SET @ 483 kPa SWEET SOUR PRV 514 PI 514 TW 514

SKIMMER

LSH 514 LAH 514 LG 514 LC 514 508 MW

V-514

SWEET SOUR

LIQUID EXPANSION 27x33 SET @ 150 psi 1034 kPa PSV 516

LIQUID EXPANSION 27x33 SET @ 1034 kPa PSV 517 CHECK NO TAG

PURGE VENT TO OUTSIDE

DPI 114 R.P.

FI 517

F-516 F-517

AMINE PLANT NOT IN SERVICE

89GL 168 GL

SOUR AMINE DRAIN
PEHd83C-220-0009 60

TO LEAN AMINE
PEHd83C-220-0009
COOLER E-526 25 PP 168

AMINE FILL
PEHd83C-220-0009
FROM P-556 48

AMINE UNIT BUILDING SKID LIMITS

REV.	DESCRIPTION	BY	DATE	CHK	APP.	CLIENT
6	IFC-MAY 04,2017 - FCR-STA-17-021 (TITLE BLOCK & DRAWING NUMBER UPDATE)	MF	2017-08-22	RS	RS	
5	ISSUED FOR FINAL RECORD PROJ. 1.220.10.003 (CH2M-409464)	AJB	2011-02-17		MA	
4	IFFR (1.220.10.003) 2366-409464	IGP	2010-10-01		MA	
3	AS BUILT	GX	2001-11-12			
2	ISSUED FOR 2001 MODIFICATION	A.L.	2001-07-10			
1	ISSUED FOR CONSTRUCTION	S.W.	2001-01-15	W.B.		

DRAWINGS PREPARED BY: CANADIAN NATURAL

DRAWING NO.	REFERENCE DRAWINGS
00-876-3108/01	PREVIOUS DRAWING NUMBER

DRAWN BY: CJB | DATE: 2000-06-29
DESIGNED BY: | DATE:
CHECKED BY: | DATE:
APPROVED BY: | DATE:
CLIENT BY: | DATE:

Canadian Natural

TITLE
PEGGO HELMET (3150)
LSD: d-83-C 94-P-8
AMINE GAS PLANT
PIPING & INSTRUMENTATION DIAGRAM

SCALE	JOB NO.	DRAWING NO.	REV.
N.T.S.	-	PEHd83C-220-0008	6