



**MODULE EQUIPMENT LEGEND**

- MODULE 01A - PROCESS MODULE  
1&2-FI-810 A/B INLET DUST FILTERS
- MODULE 01B - PROCESS MODULE  
(NO EQUIPMENT - SWITCHING VALVES)
- MODULE 02 - PUMP MODULE  
1&2-PM-10 A/B LEFC BOTTOMS PUMPS  
1&2-PM-45 METHANOL INJECTION PUMP  
1&2-PV-380 METHANOL VESSEL
- MODULE 03A - STABILIZER MODULE UNIT 1  
1&2-EX-1507 SLUG CATCHER LIQUID HEATER  
1&2-EX-1515 FEED/BOTTOMS EXCHANGER  
1&2-FI-1865 A/B STABILIZER COARSE FILTERS  
1&2-FI-1870 A/B STABILIZER CLAY FILTERS  
1&2-FI-1890 A/B STABILIZER FINE FILTERS
- MODULE 03B - STABILIZER MODULE UNIT 2  
1&2-EX-2507 SLUG CATCHER LIQUID HEATER  
1&2-EX-2515 FEED/BOTTOMS EXCHANGER  
1&2-FI-2865 A/B STABILIZER COARSE FILTERS  
1&2-FI-2870 A/B STABILIZER CLAY FILTERS  
1&2-FI-2890 A/B STABILIZER FINE FILTERS
- MODULE 04A - STABILIZER MODULE UNIT 1  
1&2-EX-1520 A/B STABILIZER REBOILERS
- MODULE 04B - STABILIZER MODULE UNIT 2  
1&2-EX-2520 A/B STABILIZER REBOILERS
- MODULE 05 - HDT OIL MODULE  
1&2-EX-505 A/B FEED GAS HEATER  
1&2-EX-555 FUEL GAS HEATER  
1&2-HE-555 START-UP FUEL GAS HEATER  
1&2-FI-815 A/B INLET GAS FILTERS  
1&2-PM-960 A/B/C HDT OIL PUMPS  
1&2-PM-970 A/B/C HDT OIL PUMPS  
1&2-PV-140 FUEL GAS SCRUBBER
- MODULE 20 THRU 27 - PIPERACK MODULES (NO EQUIPMENT)

**OFF-MODULE EQUIPMENT LEGEND**

- 1&2-AC-710 REGENERATION GAS COOLER
- 1&2-AC-715 EXPANDER/COMPRESSOR DISCHARGE COOLER
- 1&2-AC-720 PRODUCT COOLER
- 1&2-AC-730 REFRIGERANT CONDENSER
- 1&2-AC-735 RESIDUE GAS 1st STAGE DISCHARGE COOLER
- 1&2-AC-740 RESIDUE GAS 2nd STAGE DISCHARGE COOLER
- 1&2-AC-745 RESIDUE GAS FINAL COOLER
- 1&2-CM-6200 A/B REGENERATION GAS COMPRESSORS (B=SPARE)
- 1&2-CM-6310 REFRIGERATION COMPRESSOR
- 1&2-CM-6320 REFRIGERATION COMPRESSOR
- 1&2-CM-6330 REFRIGERATION COMPRESSOR
- 1&2-CM-6340 REFRIGERATION COMPRESSOR
- 1&2-CM-6410 RESIDUE GAS COMPRESSOR
- 1&2-CM-6420 RESIDUE GAS COMPRESSOR
- 1&2-CM-6430 RESIDUE GAS COMPRESSOR
- 1&2-CM-6440 RESIDUE GAS COMPRESSOR
- 1&2-CM-6450 RESIDUE GAS COMPRESSOR (SPARE)
- 1&2-CM-6910 STABILIZER OVERHEAD COMPRESSOR
- 1&2-CM-6920 STABILIZER OVERHEAD COMPRESSOR
- 1&2-CM-6930 STABILIZER OVERHEAD COMPRESSOR (OPTIONAL SPARE)
- 1&2-EC-600 EXPANDER/COMPRESSOR
- PLATEFIN - 2 UNITS
- 1&2-EX-400 A/B GAS/GAS EXCHANGER
- 1&2-EX-425 A/B REGENERATION GAS EXCHANGER
- PLATEFIN - 1 UNIT
- 1&2-EX-410 COLD GAS/GAS EXCHANGER
- 1&2-EX-420 SUB-COOLER
- PLATEFIN - 3 UNITS
- 1&2-EX-430 A/B/C HEFC SIDE HEATER
- PLATEFIN - 1 UNIT
- 1&2-EX-440 HEFC REBOILER
- 1&2-EX-450 PRODUCT EXCHANGER
- 1&2-EX-460 TRIM REBOILER
- 1&2-EX-465 FEED GAS CHILLER
- 1&2-EX-470 FEED GAS CHILLER
- 1&2-EX-475 HEFC OVERHEAD CHILLER
- 1&2-FI-800 INLET GAS FILTER SEPARATOR
- 1&2-FI-895 NGL PARTICULATE FILTER
- 1&2-FI-896 LUBE OIL SEPARATOR
- 1&2-FL-2200 FLARE
- 1&2-GN-2500 GENERATOR
- 1&2-GN-3500 GENERATOR (LOC. BY OFFICE/WAREHOUSE)
- 1&2-HT-750 REGENERATION GAS HEATER
- 1&2-HT-760 HDT OIL HEATER
- 1&2-HT-770 HDT OIL HEATER
- 1&2-LR-100 A/C PIG RECEIVERS (BY ONEOK)
- 1&2-PM-25 A/B HEFC BOTTOM PUMPS
- 1&2-PM-28 A/B INTERMEDIATE FLASH VESSEL PUMPS
- 1&2-PM-42 METHANOL PUMP
- 1&2-PM-43 METHANOL TRANSFER PUMP
- 1&2-PM-72 LUBE OIL PUMP
- 1&2-PM-75 A/B FLARE LIQUIDS PUMPS
- 1&2-PM-80 A/B/C PRODUCT BOOSTER PUMPS
- 1&2-PM-85 A/B/C PRODUCT PIPELINE PUMPS
- 1&2-PM-92 SLPD WATER PUMP
- 1&2-PM-98 PROPANE MAKEUP PUMP
- 1&2-PM-194 A/B CONDENSATE PUMPS (STAB UNIT 1)
- 1&2-PM-294 A/B CONDENSATE PUMPS (STAB UNIT 2)
- 1&2-PV-100 A/H FEED GAS SLUG CATCHERS
- 1&2-PV-110 DEHYDRATOR
- 1&2-PV-115 DEHYDRATOR
- 1&2-PV-120 DEHYDRATOR
- 1&2-PV-130 REGENERATION GAS SCRUBBER
- 1&2-PV-150 INLET GAS RECEIVER
- 1&2-PV-160 COLD SEPARATOR
- 1&2-PV-190 PRODUCT SURGE TANK
- 1&2-PV-200 A/D PRODUCT STORAGE VESSEL
- 1&2-PV-205 A/B/C CONDENSATE STORAGE VESSEL (STAB UNIT 1)
- 1&2-PV-205 D/E/F CONDENSATE STORAGE VESSEL (STAB UNIT 2)
- 1&2-PV-210 REFRIGERANT SURGE VESSEL
- 1&2-PV-215 REFRIGERANT ECONOMIZER
- 1&2-PV-240 REFRIGERANT SUCTION SCRUBBER
- 1&2-PV-245 PROPANE STORAGE VESSEL
- 1&2-PV-255 STABILIZER OVERHEAD SCRUBBER
- 1&2-PV-257 FLASH GAS SCRUBBER
- 1&2-PV-285 INTERMEDIATE FLASH VESSEL
- 1&2-PV-360 HDT OIL EXPANSION TANK
- 1&2-PV-365 SLPD WATER VESSEL
- 1&2-PV-370 LUBE OIL DAY TANK
- 1&2-PV-372 LUBE OIL DAY TANK
- 1&2-PV-395 FLARE SCRUBBER
- 1&2-PV-1000 LIGHT ENDS FRACTIONATION COLUMN (LEFC)
- 1&2-PV-1175 STABILIZER FEED SEPARATOR (UNIT 1)
- 1&2-PV-1100 HEAVY ENDS FRACTIONATION COLUMN (HEFC)
- 1&2-PV-1900 STABILIZER (UNIT 1)
- 1&2-PV-2175 STABILIZER FEED SEPARATOR (UNIT 2)
- 1&2-PV-2900 STABILIZER (UNIT 2)
- 1&2-SK-1100 TRUCK LOADING SKID (STAB UNIT 1)
- 1&2-SK-2100 TRUCK LOADING SKID (STAB UNIT 2)
- 1&2-SK-2300 INSTRUMENT AIR PACKAGE
- 1&2-TK-910 LUBE OIL STORAGE TANK w/ 1-ZZ-910
- 1&2-TK-915 METHANOL TANK
- 1&2-TK-925 USED OIL TANK w/ 1-ZZ-925
- 1&2-TK-945 SLPD WATER TANKS w/ 1-ZZ-945 A/B
- 1&2-TK-950 SLPD TANK w/ 1-ZZ-950

N. 332251.6560'  
E. 1356368.3740

**LEGAL DESCRIPTION**

The Northeast Quarter of Section 20, Township 151 North, Range 96 West of the Fifth Principal Meridian, McKenzie County, North Dakota.

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Refer to protection notice ISO16016

**Linde**  
Linde Process Plants, Inc.

PROJECT NO. &AF2110A04G

LPP DWG.	STATUS	ISSUE
000-LZP-1001	CA	1.0

NO.		DATE	DESCRIPTION	BY	CHK	APRD
A	01-12-15		FOR CLIENT APPROVAL	JAS	JT	ETM

REVISIONS

DATE: 01-12-15

DESCRIPTION: FOR CLIENT APPROVAL

BY: JAS, CHK: JT, APRD: ETM

DISCLOSURE STATEMENT:	ORIGINAL DWG BY: JAS
This design/drawing is proprietary property of ONEOK, Inc. and ONEOK Partners, LP. This document is for evaluation purposes only. Any reproduction or other use is strictly prohibited unless authorized in writing by ONEOK or ONEOK Partners. This document shall be returned upon request.	

**ONEOK PARTNERS**

**ONEOK Rockies Midstream, L.L.C.**

OVERALL PLOT PLAN

400 MMSCFD LIQUID RECOVERY UNIT

DEMICKS LAKE GAS PLANT

McKENZIE COUNTY, ND