



ITEM	PART NUMBER	DESCRIPTION	ID TAG #	QTY
1	64-700568	ANGLE VALVE 1-1/4" AL313P SQUIBB	AST-VA-1008	1
2	64-700395	EMERGENCY SHUT-OFF VALVE 1-1/4" N550-10	AST-VA-1009	1
3	64-700556	VALVE 2" BACK CHECK MNPT X MNPT	AST-CV-1001	1
4	64-700571	ANGLE VALVE 2" AL317P SQUIBB	AST-VA-1010	1
5	64-700235	PRESSURE RELIEF VALVE 1/4" 350 PSI	AST-RV-1001	1
	64-700235	PRESSURE RELIEF VALVE 1/4" 350 PSI	AST-RV-1002	2
6	64-700563	ADAPTOR 3" MX3-1/4" ACME STEEL A2065 SQUIBB	AST-AK-1001	1
7	64-700350	CAP 3-1/4" ACME W/CHAIN A1176C SQUIBB	AST-AK-1002	1
8	64-700598	TRIPOD NH3 OR LPG 3" X 2" X 2" 300 GPM NH3, 350 GPM LPG	AST-AK-1003	1
9	64-700396	EMERGENCY SHUTOFF VALVE 2" SNAPPY JOE	AST-VA-1011	1
10	08-700317	VALVE, 1/2" BALL 3-WAY		
11	64-700601	TRIPOD 1-1/4" NH3 126 GPM SQUIBB TAYLOR	AST-AK-1006	1
12	64-700348	CAP 2-1/4" ACME W/CHAIN STEEL A1175C SQUIBB	AST-AK-1005	1
13	64-700561	ADAPTOR 1-1/4" MX2-1 1/4" ACME STEEL A2060	AST-AK-1004	1
14	21-700261	ADAPTER 1/2" BARBEDXMALE 316SS HOSE	AST-HOS-1001	1
		ADAPTER 1/2" BARBEDXMALE 316SS HOSE	AST-HOS-1002	1
15	08-700326	BALL VALVE 1/4" CS BODY SS BALL AND STEM	AST-VA-1012	1
		BALL VALVE 1/4" CS BODY SS BALL AND STEM	AST-VA-1013	1
16	14-700410	TUBING 1/2" ID AIR/WATER BRAID REINFORCED EVA	AST-HOS-1003	1
		TUBING 1/2" ID AIR/WATER BRAID REINFORCED EVA	AST-HOS-1004	1
22	64-700520	HEAD BULK VERTICAL	AST-AK-1007	1
37	64-700551	WITHDRAWAL VALVE 1-1/4" MX1" F W/50GALEXCSSFLOW&HYDRO	AST-VA-1002	1
38	64-700551	WITHDRAWAL VALVE 1-1/4" MX1" F W/50GALEXCSSFLOW&HYDRO	AST-VA-1003	1
39	64-700552	EXCESS FLOW VALVE 2" X 1-1/4" MXM NH3 95 GPM	AST-VA-1004	1
40	64-700553	EXCESS FLOW VALVE 2" X 2" X 1-1/4" MXF NH3/LP SQUIBB	AST-VA-1005	1
41	64-700568	ANGLE VALVE 1-1/4" AL313P SQUIBB	AST-VA-1006	1
42	64-700571	ANGLE VALVE 2" AL317P SQUIBB	AST-VA-1007	1
43	64-700550	VALVE 2 MANIFOLD W/2 911BGFMO1AKE0025 RELIEFS 25 PSI	AST-RV-1003	1
	64-700550	VALVE 2 MANIFOLD W/2 911BGFMO1AKE0025 RELIEFS 25 PSI	AST-RV-1004	1
44	64-701013 & 64-701108	AMMONIA STATIONARY TANK MONITOR & BRACKET	AST-CP-1001	1
45	21-700264	SOCK WIND 8" X 36" REPLACEMENT		1
46	63-701375	FLEX PIPE, 2" X 12" LONG 300# RFSO FLANGED ENDS	AST-HOS-1006	1
47	64-700577	VALVE 3/4" VENT FOR NH3	AST-VA-1014	1
48	64-700528	PRESSURE INDICATOR	AST-PI-1001	1
49	64-700789	GAUGE 108" LP MAGNETEL W/ 8" DIAL	AST-LU-1001	1
50	64-701013	TRANSMITTER,MAGNETEL,LIQUID-LEVEL,W/HARDWARE	AST-LT-1001-40	1
51	64-700300	THERMOMETER 4" LENGTH STEM STEEL J700 20040D202G4	AST-TI-1001	1
52	63-701373	FLEX PIPE, 1 1/4" X 12" LONG 300# RFSO FLANGED ENDS	AST-HOS-1005	1
53	08-701078	HEX HEAD BUSHING	AST-VS-1001	1
54	64-701278	VALVE, 2X3 VACUUM, SS 911BJHM01AQE0006	AST-RV-1005	1
55	64-702288 & 64-702289	TOXIC GAS DETECTION	AST-AT-1001-80	1
56	08-700947	FLANGE, REDUCING - 3" X 2" 300# FLAT FACE		2
57	08-702380	FLANGE, REDUCING - 3" X 1 1/4" 150# RAISED FACE		2

NOTES:

1. PIPING BETWEEN OFFLOAD SKID, AMMONIA TANK AND CUSTOMER'S AMMONIA PUMPING SKID BY WESTMOR. PIPING SHALL BE ASTM A106 GR.B SCHEDULE 80(SMALL BORE) WITH FORGED FITTINGS.
2. INSTALLATION BY OTHERS
3. WESTMOR TO SUPPLY SKID MOUNTED BULKHEAD.
4. 55 GALLON WATER DRUM SUPPLIED BY OTHERS.
5. BOM# 37 & BOM# 38 TO BE INSTALLED WITH MALE END INTO TANK.
6. BOM# 39 & BOM# 40 TO BE INSTALLED WITH MALE END INTO TANK.
7. BOM# 40 & BOM# 39 TO BE INSTALLED WITH THE INDICATOR ARROW POINTED DOWN.
8. BOM#'s 9 & 2 MUST BE INSTALLED WITH FLOW ARROW POINTING AWAY FROM TANK.

CUSTOMER DATA	
Name :	GAINESVILLE RENEWABLE ENERGY
	11201 NW 13TH STREET
Location :	GAINESVILLE, FL 32653
Service:	15,000 W.G. AMMONIA SYSTEM
Customer Tank No.:	
Purchase Order No. :	

THIS DRAWING IS THE PROPERTY OF WESTMOR INDUSTRIES, LLC IT IS NOT TO BE PRINTED, PHOTOGRAPHED, COPIED, LOANED OR USED WITHOUT PERMISSION.

TOLERANCES UNLESS SPECIFIED
 DECIMAL .XX ± .03
 DECIMAL .XXX ± .015
 FRACTIONS ± 1/16"
 ANGULAR DIMENSIONS ± 1 DEG.

SANDBLAST: NONE
 PRIMER: NONE
 PAINT: NONE

REV. ECO DATE DESCRIPTION OF REVISION BY E:\D\63

SCALE 3/8"=1' CHK'D DATE 9/21/11 APPV. DATE 9/23/11 FOR APPROVAL

WESTMOR INDUSTRIES LLC P.O. BOX 683 MORRIS, MN 56267 BUS: 320/589-2100

P&ID - TRUCK UNLOAD AMMONIA SKID SYSTEM GENERAL ARRANGEMENT

DWG. NO.	63029	DWG. SIZE	C
PART/ASSY. NO.		REVISION	C