



ITEM NO.	PART NAME	PART NO.	QTY	UM	DESCRIPTION	COMMENT
1	TANK	69494	1	EA	36,000 USWG/131 TONNE - 120" ID SKIDDED CO2 TANK	DWG 2006-0313D
2	SKID	68650	1	EA	SKID ASSEMBLY FOR 36M 120"ID STORAGE	DWG 2006-0522D
3	BULKHEAD	18D	1	EA	BULKHEAD	DWG 18D
4	PLATFORM	18D	1	EA	MUFFLER PLATFORM	DWG 18D
5	VALVE	68385	1	EA	VALVE BUTTERFLY 4" CL300 KEYSTONE TEFLON SEAT C/W HANDWHEEL 30:1 RATIO	DWG 2006-0523D
6	MODULE		1	EA	MODULE C	DWG 2006-0523D
7	MODULE		1	EA	MODULE G	DWG 2006-0523D
8	VALVE	68358	1	EA	VALVE BALL 4" CL300 RF/FF/CS/TEFLON FOR CO2 RHINO	DWG 2006-0523D
9	MODULE		1	EA	MODULE B	DWG 2006-0523D
10	MODULE		1	EA	MODULE D	DWG 2006-0523D
11	MODULE		1	EA	MODULE E	DWG 2006-0523D
12	MODULE		1	EA	MODULE F	DWG 2006-0523D
13	MODULE		1	EA	MODULE A	DWG 2006-0523D
14	MODULE		1	EA	MODULE H	DWG 2006-0523D
15	COVER		1	EA	MUFFLER COVER	DWG 18D
16	RLV	69581	1	EA	VALVE RLV 4" 300RF/FA150RF PRESSURE (FARRIS) CO2 RHINO	26LA12-120(SQ4085)
17	VALVE	68654	1	EA	VALVE BALL 4" CL300 RF/FF/CS/TEFLON FOR CO2 RHINO	27EA34-M20H325
18	RLV	65428	2	EA	VALVE RLV 1" X 1-1/2" PRESSURE (FARRIS)	
19	VALVE	18120181	4	EA	VALVE BALL 1" F PORT 83-105-01	
20	VALVE	67153	2	EA	VALVE BALL 2" SW FF VENTED EMICO	
21	VALVE	67845	1	EA	VALVE BALL 1/2" SS/NPT	
22		50642	8	EA	GASKET FLEXITAUIC 4" RF CL300 304-SS	
23		17110008	112	EA	NUT HEX 3/4" NC SA 194-2H	
24		51724	40	EA	STUD 3/4NC X 4-1/2 LG SA 193-B7	
25		67940	8	EA	STUD 3/4NC X 7-1/2 LG SA 193-B7	
26		54687	2	EA	GASKET FLEXITAUIC 2" RF CL300/600 304-SS	
27		51719	16	EA	STUD 5/8NC X 3-1/2 LG SA 193-B7	
28		51710	32	EA	NUT HEX 5/8" NC SA 194-2H	
29		57238	8	EA	STUD 3/4NC X 6-1/2 LG SA 193-B7	
30		68767	1	EA	VALVE BALL 1" 3-WAY SS/FF/NPT ENDS/T-PORT/180 TURN RHINO	

WELD PROCEDURES

1	609.2-S-170	(SMAW)
2	609.2-S-140	(GMAW)
3	609.2-S-94-1	(SMAW)
4	609.2-S-161	(SMAW)

TYPICAL WELD DETAIL

PRESSURE PIPING SYSTEM DESIGN DATA (CODE-ANSI/ASME B31.3 2004 EDITION)

PROCESS	DESIGN PRESS. PSI (kPa)	DESIGN TEMP. °F (°C)	TEST PRESS. PSI (kPa)	TEST MEDIUM	MATERIAL SPEC. AND GRADE	PIPE DIAMETER AND SCHEDULE	FLANGE RATING	R.T. %
CO2	385 (2654)	115°/-40° (46°/-40°)	578 (3985)	H2O	SA350 LF2 SA333 GR6	2" SCH STD 2" SCH XH 4" SCH STD 4" SCH XH	CL 300#	5 %

SHOP NOTES:

- 1) FOR BUTT WELDING PIPE SCH. STD TO XH TOGETHER, GRIND THE XH PIPE OR FITTING WITH A 3:1 TAPER INSIDE.
- 2) ALL THREADED CONNECTIONS TO BE SCH 80 OR XH.
- 3) SHOP TO ADJUST PIPE LENGTH ON WELDED PIPING TO ALLOW FOR SHRINKAGE.
- 4) USE WELD PROCEDURE #4 FOR WELDING STAINLESS STEEL BALL VALVES TO CARBON STEEL.

Rev. No.

0	JW	06.05.23	DB		INITIAL RELEASE, ORIGINATED FROM DWG 2004-0922D
REV	DRWN	DATE	CHECKED BY	APPROVED BY	DESCRIPTION

THIRD ANGLE PROJECTION

SCALE: P/N - 69605

TOLERANCES UNLESS NOTED

DECIMAL	ANGULAR	FRACTION
XX ±0.100	±0.5°	±1/16 IF < 10'-0"
XXX ±0.010		±1/8 IF > 10'-0"
XXXX ±0.005		

JOB: 31-1544

DRAWING No. 2006-0524D

SHEET 1 OF 1

REV 0

Digitally signed by John Z Wang

Date: 2006.06.16 14:02:23 -06'00'