



MATERIALS	
ROOF:	3/16" THK. A240-304
SHELL:	1/4" THK. A240-304
BOTTOM:	5/16" THK. A240-304
FLANGES:	A165 GALV. (LD FLOD) A18P-304
REPAD:	N/A
NOZZLE NECKS (PIPED):	A18P-304
NOZZLE NECKS (PLATE):	A240-304
WELD FITTINGS:	A403-304
VESSEL SUPPORT:	N/A
STRUCTURAL:	A36 A240-304
BOLTS:	A507 304 PLATED
NUTS:	A307 304 PLATED
GASKETS:	1/2" NBR

  

DESIGN CONDITIONS	
DESIGN PRESSURE (IN. WG.)	15 INT./10 EXT.
AT DESIGN TEMP. (°F)	206
OPERATING PRESSURE (IN. WG.)	ATM
AT OPERATING TEMP. (°F)	95-200
CORROSION ALLOWANCE:	NONE
LABEL:	N/A (PER API 550 WHERE APPL.)
STRESS RELIEVE:	NONE
RADIOGRAPH:	NONE
JOINT EFF.:	70
HYDRO TEST:	N/A
AIR TEST:	2-3 SIG
CUSTOMER INSPECTION:	YES
MTR COPIES:	1 (TAM), 1 (CUSTOMER)
NAMEPLATE FACSIMILE:	YES
SEISMIC & WIND DESIGN:	PER API 650

  

WEIGHTS & CAPACITIES	
EST. CAPACITY, GALS.	846
PER FT. STRAIGHT SIDE:	13.113
TOTAL (TO TOP ANGLE):	13.113
SP. GR. OF CONTENTS:	1.12
EST. WT. OF CONTENTS (LBS.):	131,235
EST. WT. OF VESSEL (LBS.):	12,000
TOTAL EST. WT. (LBS.):	143,235

  

FITTING SCHEDULE			
NO.	SIZE	REQ'D AMT./TYPE/THK.	REMARKS
A	1"	3"/150#/L/USE/SCH 40	OUTLET
B	1 1/4"	150#/L/USE/SCH 40	RECYCLE
C	1 1/2"	150#/L/USE/SCH 40	TEMPERATURE
D	2 1/4"	CL75/TT SWINGBOLT	TOP MANWAY
E	1 1/2"	150#/L/USE/SCH 40	CIP INLET
F	1 1/2"	150#/L/USE/SCH 40	OVERFLOW
G	1 1/2"	CL75/TT SWINGBOLT	SIDE MANWAY
H	1 1/2"	CL75/TT SWINGBOLT	LEVEL
K	1 1/2"	150#/L/USE/SCH 40	VENT
M	1 1/2"	150#/R/FS/SCH 40	AGITATOR

  

NOTES	
1.	BOLT HOLES TO STRADDLE LINE PARALLEL TO 0°/180° AND 90°/270° CENTERLINES.
2.	FABRICATOR SHALL PROVIDE GASKETS, BOLTS, AND HEX NUTS FOR ALL MATING PARTS INCLUDING BLIND FLANGES WHERE NOTED.
3.	✓ INDICATES MACHINE FINISHED SURFACE.
4.	INSULATION SUPPORTS ARE REQUIRED.
5.	FABRICATOR SHALL PROVIDE PROTECTIVE SHIELDS FOR ALL FLANGES AND OPENINGS.
6.	SHOP TOLERANCES DIMENSIONS ± 1/8" NOZZLES ± 1/2 DEGREE
7.	SANDBLAST: INTERNAL: NONE (POWER WASH) EXTERNAL: SS BRUSH STABLAST EXTERNAL CS: SSPC-SP6
8.	PAINT: NONE
9.	PAINT: ONE COAT INTERZING 22 AT 2-3 MILS D.F.T. (CS ONLY)
10.	RADIUS WELDS & EDGES 1/8" MINIMUM

  

REVISIONS	
NO.	DATE BY DESCRIPTION
1	12-04-06 SLP 12" O.D. x 18'-0" S-S WASTE CIP STORAGE TANK
2	3-29-07 SLP FOR LURGI PSI / CIEG, INC. CANTON, IL

  

**CERTIFIED AS BUILT DRAWING**  
 KENNEDY TANK & MFG. CO., INC.  
 833 EAST SUMNER AVENUE, INDIANAPOLIS, INDIANA 46227  
 SLP DATE: 3/29/07

**08018**  
**CIE: ETHANOL**  
**Canton, Illinois**  
**09.04.07**  
**71 TS 9503**  
**08 0012 019**

**KENNEDY TANK & MANUFACTURING CO., INC.**  
 833 EAST SUMNER AVENUE, INDIANAPOLIS, INDIANA 46227

REVISIONS: 12" O.D. x 18'-0" S-S WASTE CIP STORAGE TANK FOR LURGI PSI / CIEG, INC. CANTON, IL

DATE: 3/29/07

SCALE: 1/8" = 1'-0"

TS-9503 0818-70287 SHEET 1 OF 1