



CERTIFIED PRINT CHECK
 CHK. BY: *Wm. Schenkberg*
 DATE: 9-6-07
 LURGI INC.

06018
 CIE: ETHANOL
 Canton, Illinois
09.04.07
 TS-3606
 018 0012037

CERTIFIED AS BUILT DRAWING
 KENNEDY TANK & MFG. CO., INC.
 INDIANAPOLIS, INDIANA
 BY: RLP DATE: 12/28/07



MATERIALS			
ROOF:	3/16" THK. A240-304 (FLAT FLANGED)		
SHELL:	3/16" THK. A240-304		
BOTTOM:	5/16" THK. A240-304		
FLANGES:	A105 (CAL. V)		
REPAIRS:	N/A		
NOZZLE NECKS (PIPED):	A240-304		
NOZZLE NECKS (PLATE):	A240-304		
WELD FITTINGS:	A403-304		
VESSEL SUPPORT:	A479-304		
STRUCTURAL:	A240-304		
BOLTS:	N/A		
NUTS:	N/A		
GASKETS:	N/A		
DESIGN CONDITIONS			
DESIGN PRESSURE (IN W.C.):	5 INT./10 EXT.		
AT DESIGN TEMP. (°F):	200		
OPERATING PRESSURE (IN W.C.):	ATM		
AT OPERATING TEMP. (°F):	80		
CORROSION ALLOWANCE:	NONE		
LABEL:	K10M (PER ASME VIII & API 650 WHERE APPL)		
STRESS RELIEVE:	NONE		
RADIOGRAPH:	NONE		
JOINT EFF.:	.70		
HYDRO TEST:	△ STANDING WATER		
AIR TEST:	△ N/A		
CUSTOMER INSPECTION:	YES		
MTR COPIES:	1 K10M, 1 CUSTOMER		
NAMEPLATE FACSIMILE:	YES		
SEISMIC & WIND DESIGN:	PER IBC 2003		
WEIGHTS & CAPACITIES			
EST. CAPACITY, GALS.			
PER FT. STRAIGHT SIDE:	55		
TOTAL:	250		
SP. GR. OF CONTENTS:	1.2		
EST. WT. OF CONTENTS (LBS):	2,500		
EST. WT. OF VESSEL (LBS):	800		
TOTAL EST. WT. (LBS):	3,300		
FITTING SCHEDULE			
NO.	SIZE	USE/INTL./TYPE/NO.	REMARKS
A	1	3"/150#/LJSE/SCH 40	OUTLET
B	1	1 1/2"/150#/LJSE/SCH 40	TEMPERATURE
C	1	2"/150#/LJSE/SCH 40	RECYCLE
D	1	2"/150#/LJSE/SCH 40	INLET
E	1	1 1/2"/150#/LJSE/SCH 40	INLET
F	1	3/4"/150#/LJSE/SCH 40	LEVEL
G	1	3/4"/150#/LJSE/SCH 40	LEVEL
NOTES			
1. BOLT HOLES TO STRADDLE LINE PARALLEL TO 0°/180° AND 90°/270° CENTERLINE.			
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 NOT 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 (COVER WASH) EXTERNAL: SS-BRUSH STARBLAST			
8. LINING: NONE			
9. PAINT: NONE			
10. RADIUS WELDS & EDGES 1/8" MINIMUM			
KENNEDY TANK & MANUFACTURING CO., INC. 833 EAST SUMNER AVENUE INDIANAPOLIS, INDIANA 46227			
REVISIONS	DATE BY	DESCRIPTION	
1	12/21/06 DLP	40" ID x 48" S-S ENZYME BLEND TANK	
2	1/22/07 DLP	FOR: LURGI PSI / CIEC, INC. CANTON, IL	
3	3/28/07 DLP		
APPROVED	DLP	SCALE: 1 = 12	QUANTITY REVIEWED
DRAWN BY	DLP	DATE: 11/15/06	ONE
CHECKED	RMS	NO. 7552-DR	DRAWING NO.
DESIGNED	MBA	SCALE: 1 = 12	267552A20-1
NO. INC.	TS-3606	NO. 8018-70287	SHEET 1 OF 1