



FORM U-3 MANUFACTURERS' CERTIFICATE OF COMPLIANCE COVERING PRESSURE VESSELS TO BE STAMPED WITH THE UM SYMBOL

[See Par. U-1(h)]

Manufactured for The Pfaudler Company Taylor Street Elyria, OH 44035 Type Vertical Pressure Vessel No. (Mrs. Serial No.) (State and State No.) Year built 1974 Pressure Vessel No. (Mrs. Serial No.) (State and State No.) Year built 1974 Shell or Drums: No. 1 Diameter 2 Ft. (Or Width) In. Length over-all Ft. In. Height Ft. In. Markings on shell plates (Fig. or F.B. & Spec. Min. T.S.) Markings on shell plates (Fig. or F.B. & Spec. Min. T.S.) Shell Flates (Fig. or F.B. & Spec. Min. T.S.) Shell Flates (Thickness) In. Butt straps (thickness) In. Styles of seams: Longitudinal (Riveted, Forge Welded, Brazed, or Welded-Type of Joint) Diameter of rivet holes In. Pitch of rivets X X X Efficiency of joint 70 % Girth Joints (Single or Double Riveted) Melded Db1. Welded Db1. Inner Shell (Thickness) In. Style of seams; Longitudinal (Riveted, Forge Welded, Brazed, or Welded-Type of Joint) Inner Shell flat of dished 187 In. Radius of dish 241 In. Side to pressure (Concave or Convex) If removable, holts used (Number and Size) or method of fastening (Describe or Sketch) Stayholts (Iron or Steel) If hollow (Size of Hole) 13, Maximum pitch (Horizontal) (Vertical) Diameter (Over the Threads) In. Safety Valve Outlets: No. 1 Size of Hole) 13, Maximum pitch (Horizontal) (Vertical) Diameter (Over the Threads) In. Safety Valve To Be Installed On Piping Absentive Size (Size) In. Hand Holes of Sizeh; Hales (Number, Size, and Location) Safety Valve Outlets: No. 2 Sizeh; Hales (Number, Size, and Location) Safety Valve To Be Installed On Piping Absentic test paid and construction of the surface of the s	Manufactured by Lee Metal Products Company Philipsburg, PA 16856	
Type Vertical Pressure Vessel No. A-3106-A A-3106-A	(Name and address of Manufacturer)	
None Pressure Vessel No A-3106-A A-3106-A	Manufactured for The Pfaudler Company Taylor Street Elyria, OH 44035	
Do the chemical and mechanical properties of all materials meet the requirements of the Code? Yes Shell or Drums: No. 1 Diameter Ft.	(Name and address of Purchaser)	
Shell or Drums; No. 1 Diameter 2 Ft.	Type Vertical Pressure Vessel No. A-3106-A Year built (Mfrs. Scrial No.) (State and State No.)	1974
Markings on shell plates (Fig. or F.B. & Spec. Min. T.S.) None (Fig. or F.B. & Spec. Min. T.S.) Note (Fig. or F.B. & Spec. Min. T.S.) Note (Fig. or F.B. & Spec. Min. T.S.) Note (Couter) (Thickness) In. Butt straps (thickness) In. Styles of seams: Longitudinal Dbl. Butt Girth Dbl. Butt (Riveted, Forge Welded, Brazed, or Welded—Type of Joint) Medded Dbl. Welded Dbl. (Riveted, Brazed, or Welded—Type of Joint) Single or Double Riveted) Medded Dbl. Welded Dbl. Welded Dbl. No. of courses Welded—Type of Joint) Inner Shell (Thickness) In. Style of seams; Longitudinal Butt Girth Butt Length of section of courses (Riveted, Forge Welded, Brazed, or Welded—Type of Joint) Reads: Flat of dished 187 (Thickness) In. Radius of dish 24" In. Side to pressure (Concave (Concave or Convex)) If removable, bolts used (Number and Size) Or method of fastening (Describe or Sketch) Staybolts (Iron or Steet) Staybolts (Iron or Steet) Staybolts (Iron or Steet) If hollow (Size of Hole) 13, Maximum pitch (Horizontal) × (Vertical) Diameter (Over the Threads) In. Safety Valve To Be Installed On Piping Assembly By Customer Have the welders and the welding procedure been qualified in accordance with Code requirements? Parin Connection 3/4 (Size) In. Hand Holes of Sigh Hales (Number, Size, and Location) 25 Int. psi at 3000 F. 38 Int. psi at 3000 F. Steam Jacketed Tank W/Dished Head and Internal Pressure (Vessel to be used for air, gas, ammonia, etc.)	Do the chemical and mechanical properties of all materials meet the requirements of the Code? Yes	
Shell Plates (Thickness) In. Butt straps (thickness) In. Styles of seams: Longitudinal Butt (Riveted, Ferge Welded, Brazed, or Welded—Type of Joint) Diameter of rivet holes — In. Pitch of rivets — X — Efficiency of joint — 70 g Girth Joints (Single or Double Riveted) — Diameter of rivet holes — Welded Dbl. Welded Dbl. Welded Dbl. Welded Dbl. Welded Dbl. In. Style of seams; Longitudinal Butt Girth Butt Longth of section of courses — Ft.— In. Readius of dish d 187 (Thickness) In. Radius of dish 24" In. Side to pressure Concave (Concave	Shell or Drums: No. 1 Diameter 2 Ft In. Length over-all Ft In. Height	FtIn.
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Girth Joints		bl. Butt
If removable, bolts used (Number and Size) or method of fastening (Describe or Sketch) Staybolts (Iron or Steel) If hollow (Size of Hole) 13, Maximum pitch (Horizontal) × (Vertical) Diameter (Over the Threads) In. Safety Valve Outlets: No. 1 Size Safety Valve To Be Installed On Piping Assembly By Customer Have the welders and the welding procedure been qualified in accordance with Code requirements? Yes Drain Connection (Size) In. Hand Holes of Sight Holes (Number, Size, and Location) Constructed for maximum allowable working pressure 25 Int. psi at 300°F. 38 Int. Hydrostatic test psi. Steam Jacketed Tank W/Dished Head and Internal Pressure (Vessel to be used for air, gas, ammonia, etc.)	Diameter of rivet holes In. Pitch of rivets × Efficiency of joint	<u>70</u>
Heads: Flat or dished 187 In. Radius of dish 24" In. Side to pressure Concave (Concave or Convex) If removable, bolts used (Number and Size) or method of fastening (Describe or Sketch) Staybolts (Iron or Steel) If hollow (Size of Hole) 13, Maximum pitch (Horizontal) × (Vertical) Diameter (Over the Threads) In. Safety Valve Outlets: No. 1 Size Safety Valve To Be Installed On Piping Assembly By Customer Have the welders and the welding procedure been qualified in accordance with Code requirements? Yes Drain Connection 3/4 (Size) In. Hand Holes of Sigh Holes (Number, Size, and Location) Constructed for maximum allowable working pressure 25 Int. psi at 300 F. Hydrostatic test psi. Steam Jacketed Tank W/Dished Head and Internal Pressure (Vessel to be used for air, gas, ammonia, etc.)	Girth Joints Diameter of rivet holes In. Pitch of rivets In. No. of course (Single or Double Riveted) Welded Dbl. Welded Dbl.	25
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Staybolts (Iron or Steet) If hollow (Size of Hole) 13. Maximum pitch (Horizontal) × (Vertical) Diameter (Over the Threads) In. Safety Valve Outlets: No. 1 Size Safety Valve To Be Installed On Piping Assembly By Customer Have the welders and the welding procedure been qualified in accordance with Code requirements? Yes Drain Connection 3/4 In. Hand Holes of Sight Holes (Number, Size, and Location) Constructed for maximum allowable working pressure 25 Int. psi at 300° F. Steam Jacketed Tank W/Dished Head and Internal Pressure Remarks: (Vessel to be used for air, gas, ammonia, etc.) e certify the above data to be correct and except for the omission of shop inspection that all details of material and construction and wormanship of this unfired pressure vessel conform to the ASME Pressure Vessel Code, Section VIII, Division I,	Heads: Flat or dished 2187 In. Radius of dish 24" In. Side to pressure Concave (Concave or Co	onvex)
Staybolts (Iron or Steet) If hollow (Size of Hole) 13, Maximum pitch (Horizontal) × (Vertical) Diameter (Over the Threads) In. Safety Valve Outlets: No. 1 Size Safety Valve To Be Installed On Piping Assembly By Customer Have the welders and the welding procedure been qualified in accordance with Code requirements? Yes Drain Connection 3/4 In. Hand Holes of Sight Holes (Number, Size, and Location) Constructed for maximum allowable working pressure 25 Int. psi at 300oF. Steam Jacketed Tank W/Dished Head and Internal Pressure Remarks: (Vessel to be used for air, gas, ammonia, etc.) Ce certify the above data to be correct and except for the omission of shop inspection that all details of material and construction and wormanship of this unfired pressure vessel conform to the ASME Pressure Vessel Code, Section VIII, Division I,	If removable, bolts used or method of fastening(D	eset all \
Safety Valve Outlets: No. Size Size Safety Valve To Be Installed On Piping Assembly By Customer Yes Drain Connection 3/4 (Size) In. Hand Holes of Sight Holes 40 Jacket (Number, Size, and Location) 25 Int. 300 F. Steam Jacketed Tank W/Dished Head and Internal Pressure (Vessel to be used for air, gas, ammonia, etc.) e certify the above data to be correct and except for the omission of shop inspection that all details of material and construction and wormanship of this unfired pressure vessel conform to the ASME Pressure Vessel Code, Section VIII, Division I,		
Safety Valve Outlets: No. Size Size Safety Valve To Be Installed On Piping Assembly By Customer Yes Drain Connection 3/4 (Size) In. Hand Holes of Sight Holes 40 Jacket (Number, Size, and Location) 25 Int. 300 F. Steam Jacketed Tank W/Dished Head and Internal Pressure (Vessel to be used for air, gas, ammonia, etc.) e certify the above data to be correct and except for the omission of shop inspection that all details of material and construction and wormanship of this unfired pressure vessel conform to the ASME Pressure Vessel Code, Section VIII, Division I,	Staybolts If hollow 13, Maximum pitch X (Various) Diameter (Over	the Threads)
Have the welders and the welding procedure been qualified in accordance with Code requirements? 3/4	(iron or Steet) (Size of Hole) (Holizontal) (Ventual) (Otto	On Pining
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11/27 10 74 Signed Lee Metal Products Co. by //Marko M/M	Hydrostatic test psi. Steam Jacketed Tank W/Dished Head and Internal Pressure Remarks: (Vessel to be used for air, gas, ammonia, etc.) Ve certify the above data to be correct and except for the omission of shop inspection that all details of materials.	
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773 This form (E23) is obtainable from the ASME Order Dept., 345 E. 47th St., New York, N.Y. 200	Hydrostatic test Steam Jacketed Tank W/Dished Head and Internal Pressure (Vessel to be used for air, gas, ammonia, etc.) The certify the above data to be correct and except for the omission of shop inspection that all details of mat on and wormanship of this unfired pressure vessel conform to the ASME Pressure Vessel Code, Section VII The late	I, Division I.

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			TAUK WALL FLAT BOTTOM	304 S.S.	D D	× 20/32" DIA BI
			HALFNIP OUTLET			
3	195 k 1965 S		HALLINE OUT			
	Adel (C Spiace S					
1	3		AIP ASSEMBLIES	304 55 E4	1/2"	
5	3		PIPE LEGS.	C.S. PALLINA	1/2	115 × 20 V8"LC
3 (-		SET SCREWS	STL C PLY	78	-16 x 3/8°LG
	3		BALLIFIET	C.S. ALUM	1/2	
3			MAME PLATE			PERMA-SAL
7			5-22 COVER	the same of the sa		X21/A DM.BLK
2	/		HANDLE		16GA:	X3/32X7
4						
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