

**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
**(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)**  
**As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1**

1/2

1 Manufactured and certified by LFC Lochem BV, Hanzeweg 21 C, Lochem 7241 CS, The Netherlands  
(Name and address of purchaser)

2 Manufactured for LFC North America 20000 Governors Drive, 60460 - 1074, Olympia Field, IL USA  
(Name and address of purchaser)

3 Location of installation CornProducts International, Inc. Stockton plant, 1021 Industrial Drive, Stockton CA 95206  
(Name and Address)

4 Type Horizontal CO042973 - WO042823-A rev 1 70 2005  
(Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing No.) (Natl. Bd. No.) (Year Built)

5 The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE  
 The design, construction, and workmanship conform to the ASME Rules, Section VIII, Division 1 2001  
(Year)

6. Shell: 2003 - - - -  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

7. Seams: SA 240 S31803 0.236 0 5' - 8.4" 14' - 7.2"  
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

8. Heads: (a) Matl. SA 240 S31803 (b) Matl. SA 240 S31803  
(Spec. No. Grade) (Spec. No. Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	right cover	0.216"	0	4' - 7.2"	-	-	-	-	-	Concave
(b)	left end	0.283"	0	4' - 7.2"	5.5"	-	-	-	-	Concave

If removable, bolts used (describe other fastenings) \_\_\_\_\_  
(Matl., spec., Gr., Size, No.)

9. MAWP 110 - psi at max. temp. 212 °F  
Internal External Internal External

Min. Design metal temp. 68 °F at 110 Psi Hydro, pneu, or comb-Test pressure 143 psi

10. Nozzles, inspection and safety valve openings:

Outlet, Drain	No	Diam. or Size	Type	Matl	Nom. Thk.	Reinforcement Matl.	How Attached	Location
SEE ATTACHED U4 FORM								

11. Supports: Skirt Lugs Legs Other 2 saddles Attached Welded to shell  
(yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of none  
(Name of part, item number, Mfr's name and identifying stamp)

UG-125 is user's responsibility. Impact testing: Exempted as per UHA - 51 (a to d).  
 Shell consist of 2 exentrical conical items half apex angle 15. Vessel spot radiography applied to satisfy UW 11 (a)(5)(b) and UW 11(b)  
 For noncorrosive service only

**CERTIFICATE OF SHOP COMPLIANCE**

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 31,038  
 expires 24 May 2008 Date 21-Apr-05 Co. name LFC LOCHEM B.V / The Netherlands Signed A.W. Stael  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP INSPECTION**

Vessel constructed by LFC LOCHEM B.V. at Hanzeweg 21 C 7241 CS Lochem, The netherlands  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of Georgia and employed by One Beacon America Ins., Boston, MA  
 have inspected the component described in this Manufacturer's Data Report on 03/23/05, 04/21/05, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.  
 Date April 21th 2005 Signed Herch Meyer Commissions NB 12527 A, GA655  
(Authorized inspector) (Natl Board. (incl. endorsements) State, Prov. and No.)

**FORM U-4 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
**As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1**

2/2

1. Manufactured and certified by LFC Lochem B.V., Hanzeweg 21 C, 7241 CS, The Netherlands  
(Name and address of manufacturer)

2. Manufactured for LFC North America 20000 Governors Drive, 60460 - 1074, Olympia, IL USA  
(Name and address of purchaser)

3. Location of installation Corn Products International. Inc Stockton plant. 1021 Industrial Drive, Stockton  
(Name and Address)

4. Type Horizontal Filtertank CO042973  
(Horiz. or vert., tank) (Tank, Separator, heatexh., etc.) Mfg's. serial No.

4. WO042823-A Rev 1 70 2005  
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year Built)

ASME CODE SECTION VIII Div 1 Edition 2001 add 2003

Purpose	No	Size	Flange type	Material		Nozzle thickness		Reinforcement	How Attached		Location <small>(insp opening)</small>
				Nozzle	Flange	nom	corr	Material	Nozzle	Flange	
N1 Inlet	2	4"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.23	0	SA 240 S31803	16-1-C	TP 1	
N2 Outlet	1	15"	Studding outlet	---	SA 182 F51	3,15	0	Integral	---	16-1 (D)	
N3 Drain	1	10"	Slip on RF 150"	SA 240 S31803	SA 182 F51	0.37	0	SA 240 S31803	16-1-C	TP 1	
N4 Heel Drain	1	4"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.28	0	Integral	16-1-C	TP 1	
N5a Sluice connecti	1	3"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.44	0	Integral	16-1-C	TP 1	
N5b Sluice Inlet	1	3"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.22	0	Integral	16-1-C	TP 1	
N6 Bottom Sluice	2	2"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.15	0	Integral	16-1-C	TP 1	
N7 Ait / N2	1	2"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.22	0	Integral	16-1-C	TP 1	
N8 Vent	1	2"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.15	0	Integral	16-1-C	TP 1	
N9 Relief Valve	1	2"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.15	0	Integral	16-1-C	TP 1	
N 10 Manometer	1	2"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.15	0	Integral	16-1-C	TP 1	
N11 Sicht Glass	6	6"	Slip on RF 150"	SA 790 S31803	SA 182 F51	0.28	0	SA 240 S31803	16-1-C	TP 1	

Certificate of Authorization: Type U - Stamp No. 31-038 Expires 24 May 2008

Date 21 Apr 05 Name LFC Lochem B.V. The Netherlands Signed A.W. Steen  
(Manufacturer) (Authorized representative)

Date 21 Apr 05 Name Reichmeyer Commissions NB 12527 A, GA655  
(Authorized inspector) (Nat'l Board. (incl. endorsements) State, Prov. and No.)