



Delta Process Equipment, Inc.

LIVINGSTON PARISH LIBRARY  
SIMPLEX COMPRESSOR/DUPLEX PUMP  
CONTROL PANEL

VOLTAGE	<u>120V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>1/60</u>	
NO. MOTORS	<u>1/2</u>	
HP	<u>1/2, 1/2</u>	
FLA	<u>9.7/6.2</u>	
TYPE OF PUMP	<u>Compressor/Pump</u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Fiberglass</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u></u>	(Floats, Bubbler, Other)
CAPACITORS	<u></u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u></u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	


OPTIONS:

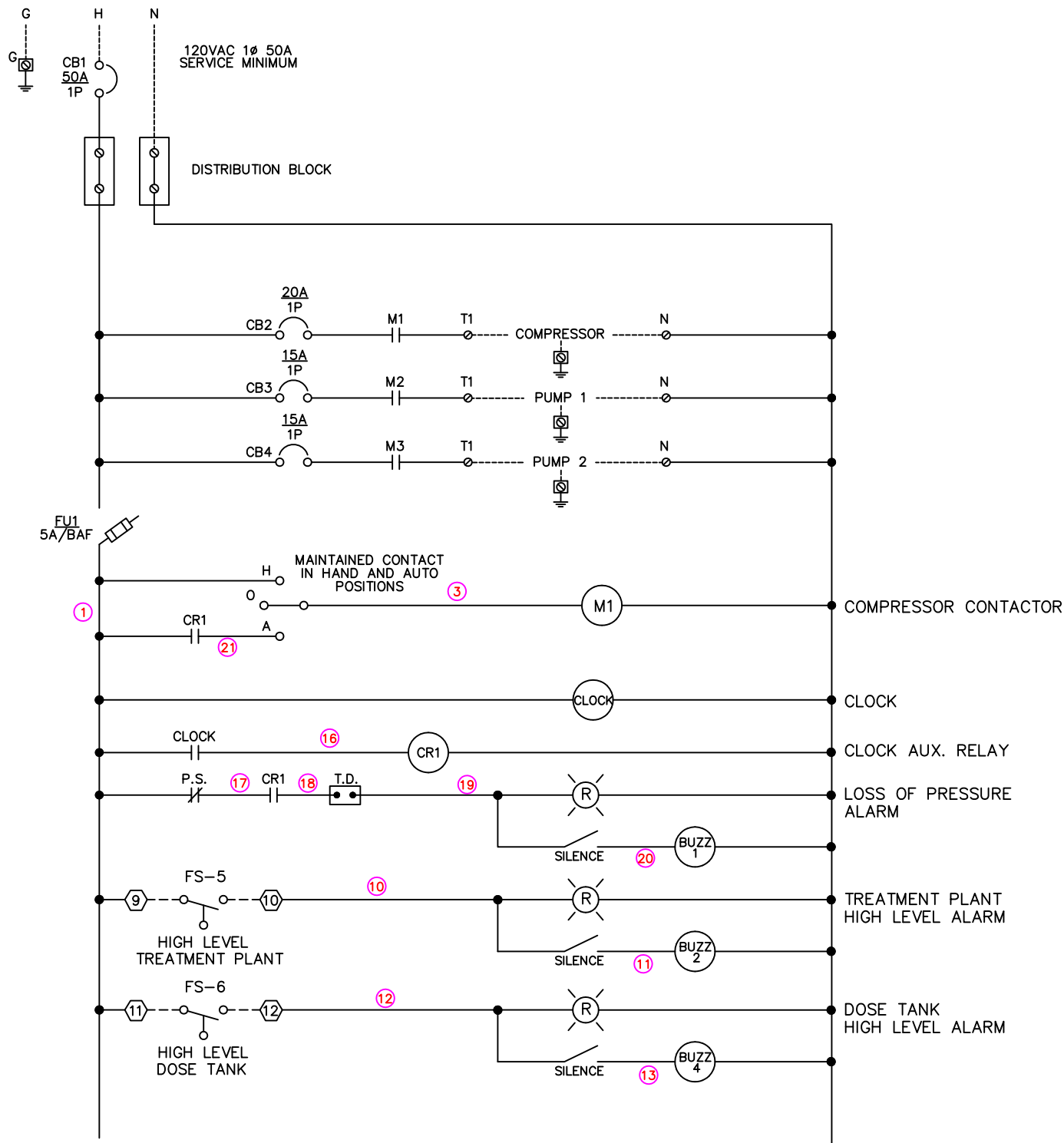
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u>X</u>	
LIGHT PANEL MTD	<u></u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u></u>	
LIGHTNING ARRESTER	<u></u>	
ELAPSED TIME METER	<u></u>	
PHASE MONITOR	<u></u>	
NEMA RATED STARTERS	<u></u>	
GROUND FAULT RECPT.	<u></u>	
GREEN RUN LIGHTS VS. RED	<u></u>	
POLE, BOX, SEAL	<u></u>	
INTRINSICALLY SAFE RELAYS	<u></u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u></u>	
ECONOMY VERSION	<u></u>	

SOLD TO: Delta Process, Denham Springs, LA

TAG : Livingston Parish Library

SHIP TO: Delta Process, Denham Springs, LA

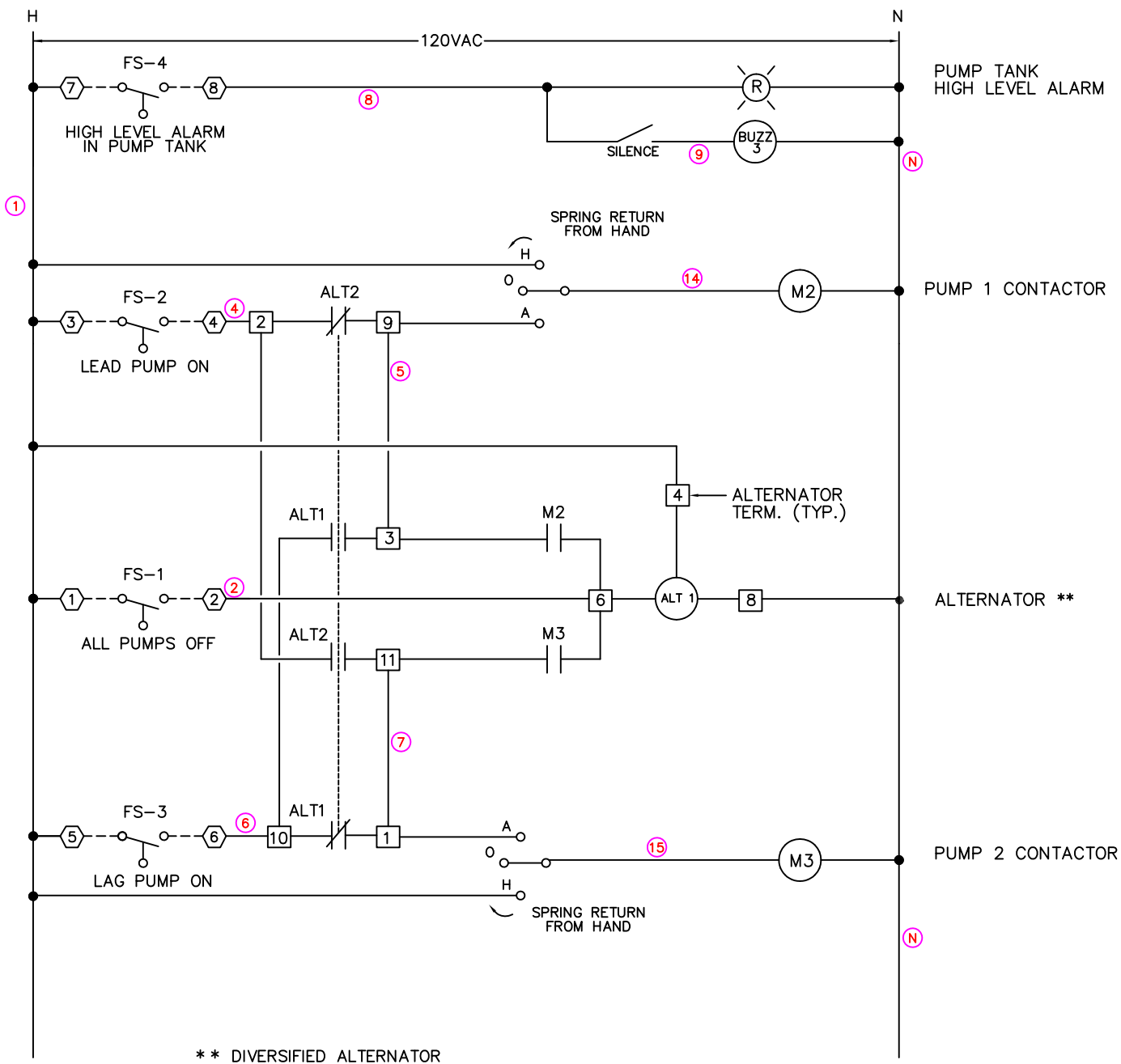
	Drawing Title							
	PANEL DESCRIPTION							
DATE 2/08/06			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title		PURCHASE ORDER NUMBER					
	SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL		 Delta Process Equipment, Inc.				DRAWING NUMBER CP-2299	
							SHEET NUMBER 1	



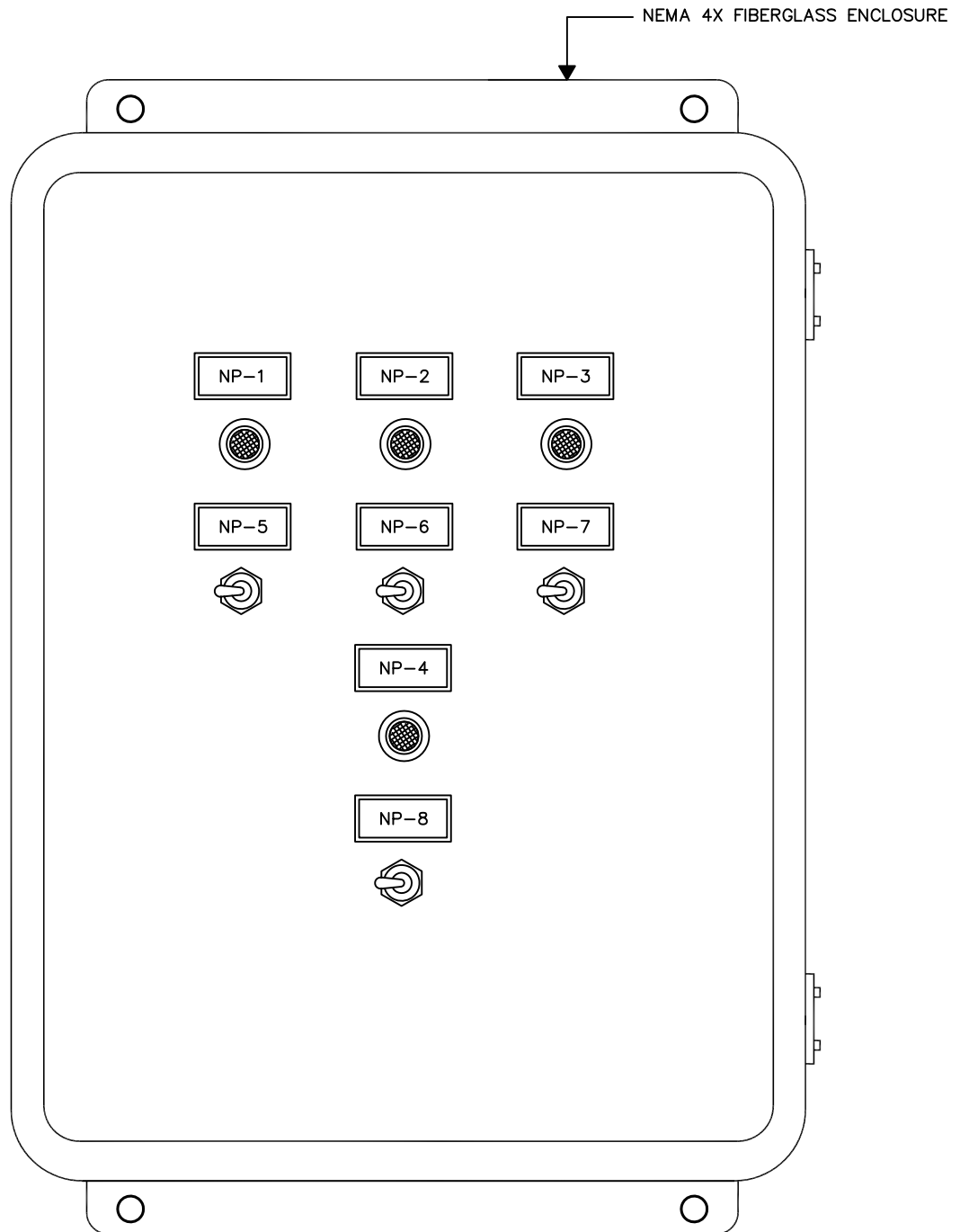
	Drawing Title								
	POWER DIAGRAM								
DATE	2/08/06	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED			
	Project Title							PURCHASE ORDER NUMBER	
	SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL							DRAWING NUMBER CP-2299	
								SHEET NUMBER	2



Delta Process Equipment, Inc.



	Drawing Title    CONTROL DIAGRAM								
DATE 2/08/06			REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY
			S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY		DATE
	Project Title  SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL		<div><div></div><div>Delta Process Equipment, Inc.</div></div>					PURCHASE ORDER NUMBER	
								DRAWING NUMBER CP-2299	
								SHEET NUMBER 3	



VIEW OF FRONT COVER

NAMEPLATE SCHEDULE

NP-1	COMPRESSOR FAILURE
NP-2	TREATMENT PLANT ALARM
NP-3	DOSE TANK ALARM
NP-4	HIGH LEVEL
NP-5	SILENCE-NORMAL
NP-6	SILENCE-NORMAL
NP-7	SILENCE-NORMAL
NP-8	SILENCE-NORMAL

NOTE:

SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASSES.

	Drawing Title    ENCLOSURE									
DATE 2/08/06			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY C. RACHAL		APPROVED BY		DATE	
	Project Title  SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL		<div>D</div> <div>Delta Process Equipment, Inc.</div>				PURCHASE ORDER NUMBER			
							DRAWING NUMBER CP-2299			
							SHEET NUMBER			
							4			

## BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1412HPL	ENCLOSURE
2	1	STAHLIN	BP1412A	BACKPLATE
3	3	ABB	A16-30-10-84	STARTER
4	1	SQUARE D	QOU120	CB2
5	2	SQUARE D	QOU115	CB3,4
6	1	SQUARE D	QOU150	CB1
7	4	ACI	MONOBLOCK	ALARM LIGHTS
8	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
9	1	GRASSLIN	FM1/STUZZ	TIMER
10	1	DAYTON	2A561	TIME DELAY
11	1	IDEC	RY2SUAC120	CR1
12	2	MARATHON	1321580	DISTRIBUTION BLOCK
13				
14				
15				
16				

Drawing Title  <div style="text-align: center; font-size: 1.2em; font-weight: bold;">BILL OF MATERIALS</div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">REFERENCE DRAWING</td> <td style="width: 10%; text-align: center;">NO.</td> <td style="width: 45%; text-align: center;">REVISION-LOCATION</td> <td style="width: 10%; text-align: center;">ECN</td> <td style="width: 10%; text-align: center;">DATE</td> <td style="width: 10%; text-align: center;">BY</td> </tr> <tr> <td style="text-align: center;">S/N</td> <td style="text-align: center;">Sales Engineer C.C.</td> <td style="text-align: center;">Application Engineer R.C.</td> <td style="text-align: center;">DRAWN BY C. RACHAL</td> <td style="text-align: center;">APPROVED BY</td> <td style="text-align: center;">DATE</td> </tr> </table>	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
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S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE								
Project Title  <div style="text-align: center; font-size: 1.2em; font-weight: bold;">SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL</div>	<div style="text-align: center; font-size: 2em; font-weight: bold; margin-bottom: 10px;">D</div> <div style="text-align: center; font-size: 1.2em; font-weight: bold;">Delta Process Equipment, Inc.</div> <div style="text-align: right; font-size: 0.8em;">         PURCHASE ORDER NUMBER           DRAWING NUMBER CP-2299          SHEET NUMBER 5       </div>												