

PFC S/D#: 2007601065	Serial Number: 2707046700	Date: 8/01/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
136 Industry Drive
Pittsburgh, PA 15275
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2_S2CA_316SSTh_H2SO4: NF FILTER R1
SERIAL NO. 2707046700

08/01/2009

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> <p>Liquid Inlet port Outlet port</p> <p>Size <u>3/4</u> Size <u>1/2</u></p> <p>Type <u>PTFE</u> Type <u>PTFE</u></p> </div> <div> <p>Pneumatic Inlet Port Outlet port</p> <p>Size <u> </u> Size <u> </u></p> <p>Type <u> </u> Type <u> </u></p> </div> </div> <p>i.e 1/2", 1", NPT, Flange, etc...</p>	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>
PHYSICAL / STRUCTURAL INSPECTION		
2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

VESSEL INSPECTION		
3.1	All flanges and nozzles square with vessel centerlines	<input type="checkbox"/>
3.2	Compatible flange gaskets included where applicable	<input type="checkbox"/>
3.3	Vessel clean inside and out of all debris and markings	<input type="checkbox"/>
3.4	Water or air tested for no leaks	<input type="checkbox"/>
DOCUMENTATION INSPECTION		
4.1	As-built information documented	<input checked="" type="checkbox"/>
4.2	Hydrostatic Test Report complete (attach if applicable)	<input checked="" type="checkbox"/>
4.3	Electrical Test Report complete (attach if applicable)	<input checked="" type="checkbox"/>
4.4	Instruction Manual(s)/ customer documentation complete	<input checked="" type="checkbox"/>
4.5	Spare Parts List complete	<input checked="" type="checkbox"/>
4.6	Note of Delivery complete	<input checked="" type="checkbox"/>
4.7	System photographically recorded	<input checked="" type="checkbox"/>
SYSTEM SPECIFIC		
S1	Qty. 2 M20 x 1/2" adapters w/ o-rings included	<input checked="" type="checkbox"/>
S1	All inlet / outlet ports labeled	<input checked="" type="checkbox"/>
S1	Preset "50 PSI" indication on all PRV / BPV crossed out	<input type="checkbox"/>
S1	ProMinent / other logos as required	<input checked="" type="checkbox"/>
ADDITIONAL INFORMATION		
CP2 CONTROL PANEL S.N. # 2707046701		
TERM. BOX S.N. # 2709003409		

REPORT CERTIFICATION

Date: 8/01/09

Production		Engineering		Quality Assurance		Customer
HG RM	8/01/09	8-12-09	CRG	8/01/09	JP	

PFC S/D#	2007601065	Serial Number:	2707046700	Date:	8/01/09
Customer:	AMJ EQUIPMENT CORP.			Location:	
Cust P/O#:	M PO2505			Equipment Number:	

Pump Make/Model	Pump IdentCode	Serial Number	Rated Strokes	Tested Strokes
S2CAHM12090SST	2180UDC110C	2707046752	160per/min	160per/min
S2CAHM12090SST	2180UDC110C	2707046753	160per/min	160per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S2CAHM12090SST	2180UDC110C	2707046752	27@174PSI	30.50@100PSI
S2CAHM12090SST	2180UDC110C	2707046753	27@174PSI	30.50@100PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	100 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING : DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST

Max. Test to: **100** Psig @ **70** ° F for **2** hours

LRC=

Test Material:	<input type="checkbox"/> PVC/CPVC	<input checked="" type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date 8/01/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
100	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#:	2007601065	Serial Number:	2707046701 BU-389267	Date:	08/03/2009
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505		Equipment Number:	CP2_S2CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
	PHOTOS	<input checked="" type="checkbox"/>

ELECTRICAL INSPECTION

3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS ELECTRICAL

[illegible]

REPORT CERTIFICATION

Date:

REPORT CERTIFICATION				Date:		Customer	
Panel Assembly and Test		Systems Assembly and Test		Quality Assurance			
OK	08/03/2009			8-12-09	CRG		

ProMinent Fluid Controls, Inc.
138 Industry Drive
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PART NO. 990033
CP2_S2CA_120V_DUAL PUMP PANEL
SERIAL NO. 2707046701

08/03/2008

PFC S/D#: 2007601065	Serial Number: 2707046705	Date: 7/31/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
136 Industry Drive
Pittsburgh, PA 15276
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2_S2CA_316SSTh_H2S04: NF FILTER RW
SERIAL NO. 2707046705

07/31/2009

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> Liquid Inlet port Outlet port Size <u>3/4</u> Size <u>1/2</u> Type <u>PTFE</u> Type <u>PTFE</u> </div> <div> Pneumatic Inlet Port Outlet port Size <u> </u> Size <u> </u> Type <u> </u> Type <u> </u> </div> </div> i.e 1/2", 1", NPT, Flange, etc...	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>
PHYSICAL / STRUCTURAL INSPECTION		
2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS MECHANICAL

[illegible]

REPORT CERTIFICATION

Date: 7/31/09

Production		Engineering		Quality Assurance		Customer
HG GT	7/31/09	8-12-09	CRG	7/31/09	JP	

PFC S/D#	2007601065	Serial Number:	2707046705	Date:	7/31/09
Customer:	AMJ EQUIPMENT CORP.			Location:	
Cust P/O#:	M PO2505			Equipment Number:	

Pump Make/Model	Pump IdentCode	Serial Number	Rated Strokes	Tested Strokes
S2CAHM12090SST	2180UDC110C	2707046706	160per/min	160per/min
S2CAHM12090SST	2180UDC110C	2707046707	160per/min	160per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S2CAHM12090SST	2180UDC110C	2707046706	27@174PSI	31@100PSI
S2CAHM12090SST	2180UDC110C	2707046707	27@174PSI	24.50@100PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	100 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING : DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST

Max. Test to: **100** Psig @ **70** ° F for **2** hours

LRC=

Test Material:	<input type="checkbox"/> PVC/CPVC	<input checked="" type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date 7/31/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
100	70	75	12:00	2:00	2hrs

PFC S/D#:	2007601065	Serial Number:	2707046708 BU-389266	Date:	08/03/2009
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505		Equipment Number:	CP2_S2CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
	PHOTOS	<input checked="" type="checkbox"/>

ELECTRICAL INSPECTION

3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS ELECTRICAL

[illegible]

REPORT CERTIFICATION

Date:

REPORT CERTIFICATION				Date:		Customer	
Panel Assembly and Test		Systems Assembly and Test		Quality Assurance			
<i>RK</i>	08/03/2009			8-12-09	<i>CRG</i>		

Prominent Fluid Controls, Inc.
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GB/D3/2009

PART NO. 990033
CP2_S2CA_120V_DUAL PUMP PANEL
SERIAL NO. 2707046708

PFC S/D#: 2007601065	Serial Number: 27007046712	Date: 7/30/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
136 Industry Drive
Pittsburgh, PA 15275
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2_S2CA_316SSTh_H2S04: PERMEATE-
SERIAL NO. 2707046712

07/30/2009

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> <p>Liquid Inlet port Outlet port</p> <p>Size __1__ Size __3/4__</p> <p>Type __PTFE__ Type __PTFE__</p> </div> <div> <p>Pneumatic Inlet Port Outlet port</p> <p>Size ____ Size ____</p> <p>Type ____ Type ____</p> </div> </div> <p>i.e 1/2", 1", NPT, Flange, etc...</p>	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS MECHANICAL

[illegible]

REPORT CERTIFICATION

Date: 7/30/09

Production		Engineering		Quality Assurance		Customer
HG RM	7/30/09	8-12-09		7/30/09	JP	

PFC S/D# 2007601065	Serial Number: 2707046712	Date: 7/30/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

Pump Make/Model	Pump IdentCode	Serial Number	Rated Strokes	Tested Strokes
S2CAHM07220SST	2180UDC110C	2709004738	160per/min	160per/min
S2CAHM07220SST	2180UDC110C	2709004739	160per/min	160per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S2CAHM07220SST	2180UDC110C	2709004738	69.7@100PSI	76.87@95PSI
S2CAHM07220SST	2180UDC110C	2709004739	69.7@100PSI	76.75@95PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	95 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING : DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST

Max. Test to: **95** Psig @ **70** ° F for **2** hours

LRC=

Test Material:	<input type="checkbox"/> PVC/CPVC	<input checked="" type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
95	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#:	2007601065	Serial Number:	2707046715 BU-389265	Date:	08/03/2009
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505		Equipment Number:	CP2_S1CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>
PHYSICAL / STRUCTURAL INSPECTION		
2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
PHOTOS		<input checked="" type="checkbox"/>
ELECTRICAL INSPECTION		
3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

PFC S/D#: 2007601065	Serial Number: 2707046719	Date: 8/12/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
138 Industry Drive
Pittsburgh, PA 15275
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2 S1CA CPVC_SCALE INHIB: FILTER R1
SERIAL NO. 2707046719

08/12/2009

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> Liquid Inlet port Outlet port Size <u>1/2</u> Size <u>1/2</u> Type <u>CPVC</u> Type <u>CPVC</u> </div> <div> Pneumatic Inlet Port Outlet port Size <u> </u> Size <u> </u> Type <u> </u> Type <u> </u> </div> </div> i.e 1/2", 1", NPT, Flange, etc...	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION		
2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS MECHANICAL

[illegible]

REPORT CERTIFICATION

Date: 8/12/09

Production		Engineering		Quality Assurance		Customer
HG RM	8/12/09	8-17-09	CRC	8/12/09	JP	

PFC S/D#	2007601065	Serial Number:	2707046720	Date:	8/12/09
Customer:	AMJ EQUIPMENT CORP.			Location:	
Cust P/O#:	M PO2505			Equipment Number:	

Pump Make/Model	Pump IdentiCode	Serial Number	Rated Strokes	Tested Strokes
S1CAH12017PVT	2170UDC110C	2707046720	90per/min	90per/min
S1CAH12017PVT	2170UDC110C	2707046721	90per/min	90per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentiCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S1CAH12017PVT	2170UDC110C	2707046720	5@145PSI	6.50@100PSI
S1CAH12017PVT	2170UDC110C	2707046721	5@145PSI	6.40@100PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	100 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING: DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST			
Max. Test to: 100 Psig @ 70 ° F for 2 hours		LRC=	
Test Material:	<input checked="" type="checkbox"/> PVC/CPVC	<input type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date 8/12/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
100	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#: 2007601065	Serial Number: 2707046722 BU-389264	Date: 08/03/2009
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505	Equipment Number: CP2_S1CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
	PHOTOS	<input checked="" type="checkbox"/>

ELECTRICAL INSPECTION

3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

[illegible]

REPORT CERTIFICATION

Date:

Panel Assembly and Test		Systems Assembly and Test		Quality Assurance		Customer
RK	08/03/2009			8-17-09	CRG	

ProMinent Fluid Controls, Inc.
138 Industry Drive
Pittsburgh, PA 15275
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

08/03/2019

PART NO. 990033
CP2_S1CA_120V_DUAL PUMP PANEL
SERIAL NO. 2707046722

PFC S/D#: 2007601065	Serial Number: 2707046726	Date: 8/01/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
136 Industry Drive
Pittsburgh, PA 15276
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2 S2CA_316SSTh_CAUSTIC: BLEND CH/
SERIAL NO. 2707046726

08/01/2009

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> <p>Liquid Inlet port Outlet port</p> <p>Size__1__ Size__3/4__</p> <p>Type_PTFE__ Type_PTFE__</p> </div> <div> <p>Pneumatic Inlet Port Outlet port</p> <p>Size__ Size__</p> <p>Type__ Type__</p> </div> </div> <p>i.e 1/2", 1", NPT, Flange, etc...</p>	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS MECHANICAL

[illegible]

REPORT CERTIFICATION

Date: 8/01/09

Production		Engineering		Quality Assurance		Customer
HG GT	8/01/09	8-12-09	CRG	8/01/09	JP	

SYSTEMS HYDROSTATIC TEST

PFC S/D#	2007601065	Serial Number:	2707046726	Date:	8/01/09
Customer:	AMJ EQUIPMENT CORP.			Location:	
Cust P/O#:	M PO2505			Equipment Number:	

Pump Make/Model	Pump IdentiCode	Serial Number	Rated Strokes	Tested Strokes
S2CAHM07220SST	2180UDC110C	2707046727	160per/min	160per/min
S2CAHM07220SST	2180UDC110C	2707046728	160per/min	160per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentiCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S2CAHM07220SST	2180UDC110C	2707046727	69.7@100PSI	77@60PSI
S2CAHM07220SST	2180UDC110C	2707046728	69.7@100PSI	76@60PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	60 PSI	70 °F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING : DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST

Max. Test to: 60 Psig @ 70 ° F for 2 hours		LRC=	
Test Material:	<input type="checkbox"/> PVC/CPVC	<input checked="" type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date 8/01/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
60	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#: 2007601065	Serial Number: 2707046729 BU-389263	Date: 08/03/2009
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505	Equipment Number: CP2_S2CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
	<i>PHOTOS</i>	<input checked="" type="checkbox"/>

ELECTRICAL INSPECTION

3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

[illegible]

REPORT CERTIFICATION

Date:

REPORT CERTIFICATION				Date:		Customer	
Panel Assembly and Test		Systems Assembly and Test		Quality Assurance			
<i>RK</i>	08/03/2009			8-12-09	CRC		

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08/03/2009

PART NO. 990033
CP2_52CA_120V_DUAL PUMP PANEL
SERIAL NO. 2707046729

PFC S/D#: 2007601065	Serial Number: 2707046733	Date: 8/04/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
138 Industry Drive
Pittsburgh, PA 15276
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2_S1CA_316SSTh_CAUSTIC_SCRUBBER
SERIAL NO. 2707046733

08/04/2009

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> Liquid Inlet port Outlet port Size <u> 3/4 </u> Size <u> 1/2 </u> Type <u> PTFE </u> Type <u> PTFE </u> </div> <div> Pneumatic Inlet Port Outlet port Size <u> </u> Size <u> </u> Type <u> </u> Type <u> </u> </div> </div> i.e 1/2", 1", NPT, Flange, etc...	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION		
2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS MECHANICAL

[illegible]

REPORT CERTIFICATION

Date: 8/04/09

Production		Engineering		Quality Assurance		Customer
HG RM	8/04/09	8-12-09	CRG	8/04/09	JP	

PFC S/D# 2007601065	Serial Number: 2707046733	Date: 8/04/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

Pump Make/Model	Pump IdentCode	Serial Number	Rated Strokes	Tested Strokes
S1CAH12017SST	2180UDC110C	2707046734	90per/min	90per/min
S1CAH12017SST	2180UDC110C	2707046735	90per/min	90per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S1CAH12017SST	2180UDC110C	2707046734	5@174PSI	6.65@60PSI
S1CAH12017SST	2180UDC110C	2707046735	5@174PSI	6.75@60PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	60 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING: DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST

Max. Test to: 60 Psig @ 70 ° F for 2 hours				LRC=	
Test Material:	<input type="checkbox"/> PVC/CPVC	<input checked="" type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:		
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:		
Test Gauge(s):	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				
Special Instructions:					

FINAL TEST RESULTS

Date 8/04/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
60	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#:	2007601065	Serial Number:	2707046736 BU-389260	Date:	08/03/2009
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505		Equipment Number:	CP2_S1CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>
PHYSICAL / STRUCTURAL INSPECTION		
2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
PHOTOS		<input checked="" type="checkbox"/>
ELECTRICAL INSPECTION		
3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

FINAL INSPECTION REPORT

SYSTEMS ELECTRICAL

[illegible]

REPORT CERTIFICATION

Date:

Panel Assembly and Test		Systems Assembly and Test		Quality Assurance		Customer
RK	08/03/2009			8-12-09	CKG	

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08/03/2009

PART NO. 99D033
CP2 51CA 120V DUAL PUMP PANEL
SERIAL NO. 2707046736

PFC S/D#: 2007601065	Serial Number: 2707046740	Date: 8/06/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
136 Industry Drive
Pittsburgh, PA 15275
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Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2_S1CA_316SSTh_CAUSTIC_SCRUBBER
SERIAL NO. 2707046740

08/06/2009

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> Liquid Inlet port Outlet port Size <u>3/4</u> Size <u>1/2</u> Type <u>PTFE</u> Type <u>PTFE</u> </div> <div> Pneumatic Inlet Port Outlet port Size <u> </u> Size <u> </u> Type <u> </u> Type <u> </u> </div> </div> i.e 1/2", 1", NPT, Flange, etc...	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

ProMinent Fluid Controls, Inc.
RIDC Park West
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VESSEL INSPECTION		
3.1	All flanges and nozzles square with vessel centerlines	<input type="checkbox"/>
3.2	Compatible flange gaskets included where applicable	<input type="checkbox"/>
3.3	Vessel clean inside and out of all debris and markings	<input type="checkbox"/>
3.4	Water or air tested for no leaks	<input type="checkbox"/>
DOCUMENTATION INSPECTION		
4.1	As-built information documented	<input checked="" type="checkbox"/>
4.2	Hydrostatic Test Report complete (attach if applicable)	<input checked="" type="checkbox"/>
4.3	Electrical Test Report complete (attach if applicable)	<input checked="" type="checkbox"/>
4.4	Instruction Manual(s)/ customer documentation complete	<input checked="" type="checkbox"/>
4.5	Spare Parts List complete	<input checked="" type="checkbox"/>
4.6	Note of Delivery complete	<input checked="" type="checkbox"/>
4.7	System photographically recorded	<input checked="" type="checkbox"/>
SYSTEM SPECIFIC		
S1	Qty. 2 M20 x 1/2" adapters w/ o-rings included	<input checked="" type="checkbox"/>
S1	All inlet / outlet ports labeled	<input checked="" type="checkbox"/>
S1	Preset "50 PSI" indication on all PRV / BPV crossed out	<input type="checkbox"/>
S1	ProMinent / other logos as required	<input checked="" type="checkbox"/>
ADDITIONAL INFORMATION		
CP2 CONTROL PANEL S.N. # 2707046743		
TERM. BOX S.N. # 2709003415		

REPORT CERTIFICATION

Date: 8/06/09

Production		Engineering		Quality Assurance		Customer
HG GT	8/06/09	8-17-09	CRG	8/06/09	JP	

PFC S/D#	2007601065	Serial Number:	2707046740	Date:	8/06/09
Customer:	AMJ EQUIPMENT CORP.			Location:	
Cust P/O#:	M PO2505			Equipment Number:	

Pump Make/Model	Pump IdentCode	Serial Number	Rated Strokes	Tested Strokes
S1CAH12017SST	2180UDC110C	2707046741	90per/min	90per/min
S1CAH12017SST	2180UDC110C	2707046742	90per/min	90per/min
			per/min	per/min
			per/min	per/min
Pump Make/Model	Pump IdentCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
S1CAH12017SST	2180UDC110C	2707046741	5@174PSI	6.90@60PSI
S1CAH12017SST	2180UDC110C	2707046742	5@174PSI	6.98@60PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	60 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING : DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST

Max. Test to: **60** Psig @ **70** ° F for **2** hours

LRC=

Test Material:	<input type="checkbox"/> PVC/CPVC	<input checked="" type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date 8/06/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
60	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#:	2007601065	Serial Number:	2707046743 BU-389261	Date:	08/03/2009
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505		Equipment Number:	CP2_S1CA_120V_DUAL PUMP PANEL	

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
	PHOTOS	<input checked="" type="checkbox"/>

ELECTRICAL INSPECTION

3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

PFC S/D#: 2007601065	Serial Number: 2707046747	Date: 8/12/09
Customer: AMJ EQUIPMENT CORP.		Location:
Cust P/O#: M PO2505		Equipment Number:

SYSTEM IDENTIFICATION

ProMinent Fluid Controls, Inc.
136 Industry Drive
Pittsburgh, PA 15275
Phone: (412) 787-2484
Fax: (412) 787-0704
Web: www.prominent.us

PART NO. 990030
P2 GALA_PVC_POLYMER: RW -207
SERIAL NO. 2707046747

08/12/2009

SPECIFICATIONS INSPECTION

1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	All pumps, monitors, and accessories are installed as specified	<input checked="" type="checkbox"/>
1.4	All pipes and fittings are correct diameter and thread size <div style="display: flex; justify-content: space-around;"> <div> Liquid Inlet port Outlet port Size <u>1/2</u> Size <u>1/2</u> Type <u>PVC</u> Type <u>PVC</u> </div> <div> Pneumatic Inlet Port Outlet port Size <u> </u> Size <u> </u> Type <u> </u> Type <u> </u> </div> </div> i.e 1/2", 1", NPT, Flange, etc...	<input checked="" type="checkbox"/>
1.5	All joints and connections are sealed with specified type sealant	<input checked="" type="checkbox"/>
1.6	All tagging installed where required.	<input checked="" type="checkbox"/>
1.7	Adjustable PRV tool mounted where applicable	<input type="checkbox"/>

PHYSICAL / STRUCTURAL INSPECTION

2.1	All valves contain seals and O-rings	<input checked="" type="checkbox"/>
2.2	All flow dependant devices are oriented in operational direction of flow	<input checked="" type="checkbox"/>
2.3	No stress on any installed PVC flow monitors	<input type="checkbox"/>
2.4	All devices functionally tested.	<input checked="" type="checkbox"/>
2.5	System has been pressure tested for leaks	<input checked="" type="checkbox"/>
2.6	No sharp edges	<input checked="" type="checkbox"/>
2.7	No excessive pipe wrench marks on pipes or fittings	<input checked="" type="checkbox"/>
2.8	All coatings have smooth, even finish	<input checked="" type="checkbox"/>
2.9	All piping components securely supported	<input checked="" type="checkbox"/>
2.10	All fasteners are tight	<input checked="" type="checkbox"/>
2.11	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input checked="" type="checkbox"/>

VESSEL INSPECTION	
3.1	All flanges and nozzles square with vessel centerlines <input type="checkbox"/>
3.2	Compatible flange gaskets included where applicable <input type="checkbox"/>
3.3	Vessel clean inside and out of all debris and markings <input type="checkbox"/>
3.4	Water or air tested for no leaks <input type="checkbox"/>
DOCUMENTATION INSPECTION	
4.1	As-built information documented <input checked="" type="checkbox"/>
4.2	Hydrostatic Test Report complete (attach if applicable) <input checked="" type="checkbox"/>
4.3	Electrical Test Report complete (attach if applicable) <input checked="" type="checkbox"/>
4.4	Instruction Manual(s)/ customer documentation complete <input checked="" type="checkbox"/>
4.5	Spare Parts List complete <input checked="" type="checkbox"/>
4.6	Note of Delivery complete <input checked="" type="checkbox"/>
4.7	System photographically recorded <input checked="" type="checkbox"/>
SYSTEM SPECIFIC	
S1	Qty. 2 M20 x 1/2" adapters w/ o-rings included <input checked="" type="checkbox"/>
S1	All inlet / outlet ports labeled <input checked="" type="checkbox"/>
S1	Preset "50 PSI" indication on all PRV / BPV crossed out <input type="checkbox"/>
S1	ProMinent / other logos as required <input checked="" type="checkbox"/>
ADDITIONAL INFORMATION	
CP2 CONTROL PANEL S.N. #2707046750	
TERM. BOX S.N. # 2709003416	

REPORT CERTIFICATION

Date: 8/12/09

Production		Engineering		Quality Assurance		Customer
HG GT	8/12/09	8-17-09	CRG	8/12/09	JP	

SYSTEMS HYDROSTATIC TEST

PFC S/D#	2007601065	Serial Number:	2707046747	Date:	8/12/09
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505		Equipment Number:		

Pump Make/Model	Pump IdentCode	Serial Number	Rated Strokes	Tested Strokes
GALA0708PVT	400UDC02100	2707046748	180per/min	180per/min
GALA0708PVT	400UDC02100	2707046749	180per/min	180per/min
			per/min	per/min
			per/min	per/min

Pump Make/Model	Pump IdentCode	Serial Number	Rated Output	Tested Output
			<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph	<input type="checkbox"/> mL/h <input checked="" type="checkbox"/> gph
GALA0708PVT	400UDC02100	2707046748	1.9@101PSI	2.4@100PSI
GALA0708PVT	400UDC02100	2707046749	1.9@101PSI	2.8@100PSI

PUMP OUTPUT TEST CRITERIA

	Operating Pressure	Operating Temperature	Test Duration
Maximum	100 PSI	70 ° F	30MIN

SYSTEMS HYDROSTATIC TEST

SYSTEM PIPING STATIC LEAK TEST CRITERIA

WARNING: DO NOT EXCEED 150PSI STATIC PRESSURE DURING TEST			
Max. Test to: 100 Psig @ 70 ° F for 2 hours		LRC=	
Test Material:	<input checked="" type="checkbox"/> PVC/CPVC	<input type="checkbox"/> 316 Stainless Steel	<input type="checkbox"/> Other:
Test Media:	<input checked="" type="checkbox"/> Potable Water	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Gas:
Test Gauge(s):	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
Special Instructions:			

FINAL TEST RESULTS

Date 8/12/09

Pressure, psig	Atmosphere, ° F	Media, ° F	Start Time	Finish Time	Duration
100	70	75	12:00	2:00	2hrs

SYSTEMS ELECTRICAL

PFC S/D#:	2007601065	Serial Number:	2707046750 BU-389262	Date:	08/03/2009
Customer:	AMJ EQUIPMENT CORP.		Location:		
Cust P/O#:	M PO2505	Equipment Number:	CP2_GALA_120V_DUAL PUMP CONTROL PANEL		

SPECIFICATIONS INSPECTION		
1.1	Assembly checked against customer order	<input checked="" type="checkbox"/>
1.2	Assembly checked against project drawing	<input checked="" type="checkbox"/>
1.3	Panel layout correct	<input checked="" type="checkbox"/>
1.4	Name tags correct and straight	<input checked="" type="checkbox"/>
1.5	Panel paint correct and good condition	<input type="checkbox"/>
PHYSICAL / STRUCTURAL INSPECTION		
2.1	All components tight in cabinet	<input checked="" type="checkbox"/>
2.2	All components tight in door	<input checked="" type="checkbox"/>
2.3	All terminal connections tight	<input checked="" type="checkbox"/>
2.4	All ground connections tight	<input checked="" type="checkbox"/>
2.5	All wiring straight and tied	<input checked="" type="checkbox"/>
2.6	All coatings have smooth, even finish	<input type="checkbox"/>
2.7	All fasteners are tight	<input checked="" type="checkbox"/>
2.8	All exposed fastener threads exceeding three (3) to be trimmed and filed	<input type="checkbox"/>
2.9	Panel clean inside and out of all debris and markings	<input checked="" type="checkbox"/>
2.10	No sharp edges	<input checked="" type="checkbox"/>
		<i>Photos</i> <input checked="" type="checkbox"/>
ELECTRICAL INSPECTION		
3.1	Ring out point to point	<input checked="" type="checkbox"/>
3.2	Power applied <u>120</u> Voltage <u>AC</u> DC	<input checked="" type="checkbox"/>
3.3	All components functional in cabinet	<input checked="" type="checkbox"/>
3.4	All components functional in door	<input checked="" type="checkbox"/>
3.5	PLC programming correct and functioning properly	<input type="checkbox"/>
3.6	Drive functioning properly	<input type="checkbox"/>
3.7	Motor rotation correct	<input type="checkbox"/>
3.8	Instrumentation functioning properly	<input type="checkbox"/>
3.9	Special components functioning properly	<input checked="" type="checkbox"/>
3.10	Operation of all circuits tested	<input checked="" type="checkbox"/>
3.11	Calibration complete	<input type="checkbox"/>

DOCUMENTATION INSPECTION

4.1	As-built information documented	<input checked="" type="checkbox"/>
4.2	Functional description of system operation documented	<input checked="" type="checkbox"/>
4.3	Spare Parts List complete	<input checked="" type="checkbox"/>
4.4	Instruction Manual(s) complete	<input checked="" type="checkbox"/>
4.5	All customer required documentation enclosed	<input checked="" type="checkbox"/>
4.6	Drawing shipped with panel	<input checked="" type="checkbox"/>
4.7	Copy of inspection report in panel	<input checked="" type="checkbox"/>
4.8	Note of Delivery complete	<input checked="" type="checkbox"/>

ADDITIONAL INFORMATION

[illegible]

REPORT CERTIFICATION

Date:

Panel Assembly and Test		Systems Assembly and Test		Quality Assurance		Customer
<i>AK</i>	08/03/2009			8-17-09	CRG	

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Pittsburgh, PA 15275
Phone: (412) 787-2484
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PART NO. 990033
CP2_GALA_120V_DUAL PUMP CONTROL PA
SERIAL NO. 2707046750

08/03/2009