



Job Detail Transaction Report

Service Request Number	1-51838395351
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 11/07/2017

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**SERVICE REQUEST (SR):**

**Status:** Closed  
**Substatus:** Closed  
**Hold Reason Code:**  
**Hold Effective Date:**  
**Agreement #:**  
**Entitlement:**  
**Priority:** Routine  
**Requester:** Cozza, Raul  
**Service Address:** RT 141 LANCASTER PIKE  
 WILMINGTON, DE, 19880-0000  
**Main Phone:** (302) 218-9257  
**Work Phone:** (302) 695-7842  
**Mobile Phone:** (302) 218-9898  
**Email Address:** raul.j.cozza@dupont.com

**Branch:** JOHNSON CONTROLS SALISBURY  
 WILMINGTON CB - 0N28  
**Team:** 260 Delmarva North Team SVC  
**SR Owner:** Dolphin, Lynn  
**Created By:** Dolphin, Lynn  
  
**Bill To Account:** E I DUPONT DENEMOURS CO  
**AR Number:** 1325779  
**PO #:** 6501740662  
**Blanket PO #:**  
**Work Order #:**  
**Authorization #:**  
**Tracking #:**  
**Quoted Amount:** \$4,721.00

FINANCIAL SUMMARY	
<b>Work In Progress (WIP)</b>	
WIP - Labor	\$0.00
WIP - Expense	\$0.00
WIP - Materials	\$0.00
WIP - SubContract	\$0.00
WIP - Fee Charges	\$0.00
<b>Total WIP</b>	\$0.00
<b>Cost of Goods Sold (COGS):</b>	
COGS - Labor	\$2,232.70
COGS - Expense	\$0.00
COGS - Materials	\$564.81
COGS - SubContract	\$0.00
COGS - Fee Charges	\$103.50
<b>Total COGS</b>	\$2,901.01
<b>Revenue \$</b>	\$4,721.00
<b>Margin \$</b>	\$1,819.99
<b>Margin %</b>	39%

(Note: The revenue and margin section are populated if revenue has been posted)

**Service Requested:** #7: Repairs to Conoflow Actuator

**SERVICE PERFORMED SUMMARY:**

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
05/09/2017	Kevin Frazee	1-MSLG02F	Material order.	1-EIZYN96	CHILLER #7	MRP626904	OM3000
05/17/2017	Kevin Frazee	1-MWF1K7R	05/17/2017 - Investigated Positioning Issues with the CONOFLOW Vane Actuator - Reconfigured Piping to Facilitate Troubleshooting - Based on Observations, the Internal Piston Lipseals were definitely leaking passed - Despite Issues with the Actuator, Customer Requested Chiller be Started - Unlocked and Started Chiller - Actuator Positioning was Extremely Unstable in AUTOMATIC Control - Switched PRV Control to MANUAL with Output Signal @ 25% - Adjusted Actuator to the Position Corresponding to a 25% Stroke and Fixed - Switched Hot Gas Bypass Valve Control to MANUAL with Output Signal @ 0%	1-EIZYN96	CHILLER #7	MRP626904	OM3000



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ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
			<p>- Current Setup Produces a Fixed Capacity of 2300 Tons</p> <p>05/19/2017</p> <p>- As Outdoor Air Temp drops the Chiller Capacity would have to be Reduced by Manually Opening the Hot Gas Bypass Valve. Instructed DuPont Operators on how to do this and Posted Instructions on the Chiller Panel</p> <p>- Chiller Capacity will need to be adjusted this way as long as the Chiller is Running, until ordered Replacement Parts have arrived</p>				
06/05/2017	Kevin Frazee	1-NI40Z18	<ul style="list-style-type: none"> <li>- The CONOFLOW Rebuild Kits Arrived</li> <li>- Had Chiller Locked Out</li> <li>- Removed Vane Actuator from Compressor &amp; Completely Disassembled on Bench</li> <li>- Inspected all Parts, Measured Clearances, Saved and Review with the Manufacturer</li> <li>- The Old Lipseals had become clearly Thinner after a year of use, in comparison to the New Seals</li> <li>- Removed Piston Seals and O-Rings</li> <li>- Thoroughly Cleaned Piston Internals &amp; Coated w/ Molykote Light Grease</li> <li>- Installed new Lipseals and O-rings</li> <li>- Reassembled Actuator Piston &amp; Reattached to Compressor</li> <li>- Re-piped Actuator Components, Reversing Relay, and Gauges for Better Control &amp; Analysis of Function</li> <li>- Replaced Actuator Instrument Air Filter Element</li> <li>- Checked Operation of Actuator &amp; Calibrated Position / Signal</li> <li>- Actuator is now Functioning Properly</li> </ul>	1-EIZYN96	CHILLER #7	MRP6269 04	OM3000
06/06/2017	Kevin Frazee	1-NIQK2TN	<ul style="list-style-type: none"> <li>- Had Chiller #7 Unlocked &amp; Started</li> <li>- Chiller would not Start due to Low Compressor Oil Diff Pressure</li> <li>- Discovered Oil Pressure Transducers slightly out of Calibration</li> <li>- Removed and Adjusted Oil Transducers</li> <li>- Manually Ran Compressor Aux. Pump (Pressure was Just Above 25 PSID*)</li> <li>- Attempted Increasing Pressure by Adjusting Pressure Relief Valve (Without Success)</li> <li>- Successfully Started Chiller</li> <li>- Placed PRV &amp; Hot Gas Bypass Valve back in AUTOMATIC Control</li> <li>- Inspected Operation of Chiller</li> <li>- Added 270 lbs of R-134A from Central Recovery Tank to complete Design Charge of 8,970lbs</li> <li>- Intercooler Float Valves Require Adjustment to Eliminate Gas Bypass into Evaporator</li> </ul> <p>* Pressure needs to be above 24 PSID to Start. Pump should be able to produce 55 PSID. Pump may need to be Rebuilt, Replaced, or there are Faulty Check Valve. This should be investigated next year at Shutdown) *</p> <p>* The Unused CONOFLOW Positioner &amp; Reversing Relay Rebuild Kits are being kept onsite for Future Use *</p>	1-EIZYN96	CHILLER #7	MRP6269 04	OM3000
06/30/2017	Aleksandra Lalic	1-NURC98S					



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**WIP - Work In Progress**

**WIP Labor**

Date	Assigned Technician	Activity #	NxGen Row ID (Time Tracker)	Branch #	Labor Type / Cost Rate / Billing Product	Adjustment	Hours	Ext Amt
<b>TOTAL - LABOR</b>							0.00	\$0.00

**WIP Expense**

Date	Assigned Technician	Activity #	NxGen Row ID	Branch #	Expense Type	Adjustment	Qty.	Ext Amt
<b>TOTAL - EXPENSE</b>								\$0.00

**WIP Material**

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	UOM	Unit Cost	Ext Amt
<b>TOTAL - MATERIAL</b>											\$0.00

**WIP SubContract**

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	Ext Amt
<b>TOTAL - SUB CONTRACT</b>									\$0.00

**WIP Fee-Charges**

Date	Accounting Event Name	Activity #	NxGen Row ID (Fee Tracker)	Product	Adjustment	Qty.	Ext Amt	
<b>TOTAL - FEE CHARGES</b>							0.00	\$0.00



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**COGS - Cost of Goods Sold**

**COGS Labor**

Date	Assigned Technician	Activity #	NxGen Row ID (Time Tracker)	Branch #	Labor Type/Cost Rate/Billing Product	Adjustment	Hours	Ext Amt	
05/09/2017	Time record not found	1-MSLG02F	1-MXOOEOZ	Time record not found	Regular		1.00	\$40.78	
05/09/2017	Time record not found	1-MSLG02F	1-MXOOEJ8	Time record not found	Regular		1.00	\$50.24	
05/17/2017	Time record not found	1-MWF1K7R	1-MWYCTPB	Time record not found	Regular		5.00	\$251.20	
05/17/2017	Time record not found	1-MWF1K7R	1-MWYCOQR	Time record not found	Regular		5.00	\$203.90	
05/19/2017	Time record not found	1-MWF1K7R	1-MYDNOBB	Time record not found	Regular		2.00	\$83.96	
05/19/2017	Time record not found	1-MWF1K7R	1-MYDNXOV	Time record not found	Regular		2.00	\$103.44	
06/05/2017	Time record not found	1-NI40Z18	1-NILKD0A	Time record not found	Regular		8.00	\$413.75	
06/05/2017	Time record not found	1-NI40Z18	1-NILKDOO	Time record not found	Regular		8.00	\$335.84	
06/06/2017	Time record not found	1-NIQK2TN	1-NJ0RGRJ	Time record not found	Regular		8.00	\$413.75	
06/06/2017	Time record not found	1-NIQK2TN	1-NJ0ROCA	Time record not found	Regular		8.00	\$335.84	
<b>Sub Total - Labor</b>							Time record not found	48.00	\$2,232.70
<b>TOTAL - LABOR</b>								48.00	\$2,232.70

**COGS Expense**

Date	Assigned Technician	Activity #	NxGen Row ID	Branch #	Expense Type	Adjustment	Qty.	Ext Amt
<b>TOTAL - EXPENSE</b>								\$0.00

**COGS Material**

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	UOM	Unit Cost	Ext Amt
05/11/2017	GRAINGER	1-MSLG02F		1-49653153421	ISP	Write-In Product	Write-In Product	2	Each	\$4.60	\$9.20
05/11/2017	GRAINGER	1-MSLG02F		1-49653153421	ISP	Write-In Product	Write-In Product	-2	Each	\$4.60	(\$9.20)
05/24/2017	ECCO GREGORY INC / WEST CHESTER	1-MWF1K7R		1-50030837612	Vendor PO	Write-In Product	Write-In Product	1	Each	\$53.00	\$53.00
05/24/2017	ECCO GREGORY INC / WEST CHESTER	1-MWF1K7R		1-50030837612	Vendor PO	Write-In Product	Write-In Product	2	Each	\$11.00	\$22.00
05/24/2017	ECCO GREGORY INC / WEST CHESTER	1-MWF1K7R		1-50030837612	Vendor PO	Write-In Product	Write-In Product	2	Each	\$31.00	\$62.00
05/24/2017	ECCO GREGORY INC / WEST CHESTER	1-MWF1K7R		1-50030837612	Vendor PO	Write-In Product	Write-In Product	1	Each	\$267.00	\$267.00
05/24/2017	ECCO GREGORY INC / WEST CHESTER	1-MWF1K7R		1-50030837612	Vendor PO	Write-In Product	Write-In Product	1	Each	\$96.00	\$96.00
05/25/2017	MCMaster CARR SUPPLY	1-MWF1K7R		1-50153018939	ISP	Write-In Product	Write-In Product	2	Each	\$29.51	\$59.02
05/25/2017	MCMaster CARR SUPPLY	1-MWF1K7R		1-50153018939	ISP	Freight		0			\$5.79
<b>TOTAL - MATERIAL</b>											\$564.81

**COGS SubContract**

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	Ext Amt
<b>TOTAL - SUB CONTRACT</b>									\$0.00

**COGS Fee-Charges**

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Date	Accounting Event Name	Activity #	NxGen Row ID (Fee Tracker)	Product	Adjustment	Qty.	Ext Amt
05/09/2017	Mileage	1-MSLG02F	1-MXOOA0P	Mileage - Company Vehicle		10.00	\$9.00
05/17/2017	Mileage	1-MWF1K7R	1-MWYCYZR	Mileage - Company Vehicle		25.00	\$22.50
05/19/2017	Mileage	1-MWF1K7R	1-MYDNO7Y	Mileage - Company Vehicle		20.00	\$18.00
06/05/2017	Mileage	1-NI40Z18	1-NILKLSP	Mileage - Company Vehicle		30.00	\$27.00
06/06/2017	Mileage	1-NIQK2TN	1-NJ0ROUJ	Mileage - Company Vehicle		30.00	\$27.00
<b>Sub Total - Mileage - Company Vehicle</b>						115.00	\$103.50
<b>TOTAL - FEE CHARGES</b>						115.00	\$103.50

**AR Invoices**

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
07/05/2017	1-51989652257		\$4,721.00	\$4,721.00	\$0.00	\$4,721.00
			\$4,721.00	\$4,721.00	\$0.00	<b>TOTAL - INVOICED</b> \$4,721.00

**UnReceived Orders**

Date	Vendor / Buy Site	Activity #	Order #	Type of Order	Product	Description	Var. Ord vs. Rec	Qty.	Ext Amt
<b>TOTAL - UNRECEIVED ORDERS</b>									\$0.00

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