



Job Detail Transaction Report

Service Request Number	1-58805089790
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 12/10/2018

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**SERVICE REQUEST (SR):**

**Status:** Closed  
**Substatus:** Closed  
**Hold Reason Code:**  
**Hold Effective Date:**  
**Agreement #:**  
**Entitlement:**  
**Priority:** Routine  
**Requester:** Coliukous, Chris  
**Service Address:** RT 141 LANCASTER PIKE  
WILMINGTON, DE, 19880-0000  
**Main Phone:** (302) 218-9257  
**Work Phone:**  
**Mobile Phone:**  
**Email Address:** chris.coliukous@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 #:** 6501825667  
**Blanket PO #:**  
**Work Order #:**  
**Authorization #:**  
**Tracking #:**  
**Quoted Amount:** \$7,187.30

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	\$4,784.66
COGS - Expense	\$0.00
COGS - Materials	\$273.93
COGS - SubContract	\$0.00
COGS - Fee Charges	\$64.80
<b>Total COGS</b>	\$5,123.39
<b>Revenue \$</b>	\$7,187.30
<b>Margin \$</b>	\$2,063.91
<b>Margin %</b>	29%

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

6501825667  
YORK CENTRAL RECOVERY TANK RELIEF RETROFIT SERVICE & SUPPORT

**Service Requested:**

Perform Lockout of YORK RECOV TANK in Coordination with DuPont  
Transfer any Remaining Charge from TANK to YORK CHILLERS & Document  
Verify TANK is Depressurized & Purged with "House" Nitrogen  
Disassemble & Remove the Two 2" Rupture Disks, allowing for MDAVIS to proceed with Piping Modifications and Installation of the New Relief Header  
All Piping & Installation of Piping; Rupture Disks, Relief Valves, and 3-Way Valve for the TANK shall be Provided by MDAVIS and/or DuPont  
Installation of the Two New Rupture Disks w/ appropriate Gaskets/Fasteners will be performed by Johnson Controls  
(Appropriate Torque will be Determined, Set & Documented)  
\*All interconnecting Piping must be in place and within specs for Misalignment / Strain, previous to Disk Installation\*  
After all Relief Work is Complete, the TANK will be Pressurized with Nitrogen  
All new Refrigerant Connections will be Tested  
Any Leaks discovered on the piping installed by the MDAVIS, will be their responsibility to repair  
After Piping & Relief Devices are Verified Leak Free, Nitrogen Pressure will be Safely Vented Outdoors  
Entire TANK will then be Evacuated, followed by a Vacuum Hold Test (Verifying Tightness and Dryness of TANK)  
Refrigerant Gas Charge will be Transferred back into the TANK  
EPA Refrigerant Documentation will be Provided

**SERVICE PERFORMED SUMMARY:**



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ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
04/02/2018	Kevin Frazee	1-TAJRUS1	material order	1-FNV12L6	CHILLER #10	GACM127699	OTT4G2-ZBES
05/01/2018	Kevin Frazee	1-TZ15IBE	Refrigerant Transfer out of Tank (emptying it) and into Chiller #8	GBCM117864	CHILLER# 8	GBCM117864	OT-T4G2-ZBES
05/07/2018	Kevin Frazee	1-U5P16GI	Continued with repairs				
05/21/2018	Kevin Frazee	1-UKQ4FIJ	Continued with repairs.				
06/05/2018	Kevin Frazee	1-VCFI6LQ	Continued repairs				
07/03/2018	Kevin Frazee	1-VKT5VNK	continued repairs				
07/30/2018	Kevin Frazee	1-W9D5PSC	Continued repairs				
09/18/2018	Kevin Frazee	1-XWBHDEB	<p>YORK CENTRAL RECOVERY TANK RELIEF PROJECT</p> <p>Completed all work as per scope of JCI Quote# 1-QZVQX1C (DuPont PO#: 6501825667)</p> <p>Summary:</p> <ul style="list-style-type: none"> <li>- Worked in coordination with KBR &amp; MDAVIS</li> <li>- Transferred the remaining 480 Lbs of R-134A out of Tank and Into Chiller #8 (which brought it's total charge back up to Design)</li> <li>- Purged tank with Nitrogen &amp; Depressurized</li> <li>- Disassembled &amp; Removed the Two 2" Rupture Disks, allowing for MDAVIS to proceed with Piping Modifications and Installation of the New Relief Header</li> <li>- Installed the Two New Rupture Disks w/ appropriate Gaskets and Torqued to manufacturer's specs</li> <li>- Torqued bolts on all newly installed flanges to amount appropriate for flange size and gasket type</li> <li>- After all work was completed, Tank and all new piping and flange connections were pressure tested @ 140psig with Nitrogen and a trace amount of R-134A for 20hrs</li> <li>- Pressure Held (Test Passed) and all Joints, Rupture Disks, Valves were verified Leak-Free with an Electronic Refrigerant Leak Detector</li> <li>- Nitrogen Pressure was Safely Vented Outdoors</li> <li>- Entire TANK was Evacuated down to 500 microns, followed by a Vacuum Hold Test</li> <li>- Results of Vacuum test: 25 micron/hr rise (Passed)</li> <li>- 190 Lbs of R-134A was then temporarily transferred back to the tank from Chiller #8 to break the vacuum and maintain a static pressure of 20 psig, until the additional refrigerant charge purchased by DuPont is delivered and installed</li> </ul>				
09/21/2018	Kevin Frazee	1-VHJOKKD	ordered gasket material.				



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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
05/01/2018	Kevin Frazee	1-TZ15IBE	1-TZBFK3H	0N28	Regular / Regular / Chiller Heavy		6.50	\$794.17
05/07/2018	Kevin Frazee	1-U5P16GI	1-U66SQ1N	0N28	Regular / Regular / Chiller Heavy		2.00	\$244.36
05/21/2018	Kevin Frazee	1-UKQ4FIJ	1-ULCOBKT	0N28	Regular / Regular / Chiller Heavy		6.00	\$756.25
06/05/2018	Kevin Frazee	1-VCFI6LQ	1-VGYTMVH	0N28	Regular / Regular / Chiller Heavy		4.00	\$519.98
06/06/2018	Kevin Frazee	1-VCFI6LQ	1-VJF4586	0N28	Regular / Regular / Chiller Heavy		2.00	\$259.99
06/07/2018	Kevin Frazee	1-VCFI6LQ	1-VJF45C5	0N28	Regular / Regular / Chiller Heavy		2.00	\$259.99
06/11/2018	Kevin Frazee	1-VKT5VNK	1-VNGBMPH	0N28	Regular / Regular / Chiller Heavy		4.00	\$519.98
06/13/2018	Kevin Frazee	1-VKT5VNK	1-VNGMF2I	0N28	Regular / Regular / Chiller Heavy		2.00	\$259.99
06/21/2018	Kevin Frazee	1-VKT5VNK	1-VTBE839	0N28	Regular / Regular / Chiller Heavy		2.00	\$259.99
07/06/2018	Kevin Frazee	1-VKT5VNK	1-W7U9H4E	0N28	Regular / Regular / Chiller Heavy		2.00	\$259.99
08/09/2018	Kevin Frazee	1-W9D5PSC	1-XTDRRGU	0N28	Regular / Regular / Chiller Heavy		3.00	\$389.98
09/18/2018	Kevin Frazee	1-XWBHDEB	1-ZK8U57K	0N28	Regular / Regular / Chiller Heavy		2.00	\$259.99
<b>Sub Total - Labor Kevin Frazee</b>							37.50	\$4,784.66
<b>TOTAL - LABOR</b>							37.50	\$4,784.66

**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
04/04/2018		1-TAJRUS1		1-63783674417	AOMS PO	Freight		0			\$9.05
04/03/2018	COGS-Materials	1-TAJRUS1				028 10157 000	028 10157 000	1	Each	\$50.68	\$50.68
04/03/2018	COGS-Materials	1-TAJRUS1				028 16523 235	028 16523 235	4	Each	\$3.52	\$14.08
04/03/2018	COGS-Materials	1-TAJRUS1				023 05366 000	023 05366 000	2	Each	\$1.68	\$3.36
04/03/2018	COGS-Materials	1-TAJRUS1				028 10156 000	028 10156 000	2	Each	\$1.32	\$2.64
04/03/2018	COGS-Materials	1-TAJRUS1				021 32231 000	021 32231 000	1	Each	\$25.06	\$25.06
04/03/2018	COGS-Materials	1-TAJRUS1				360 00125 000	360 00125 000	1	Each	\$29.75	\$29.75
04/03/2018	COGS-Materials	1-TAJRUS1				028 16523 235	028 16523 235	-4	Each	\$3.52	(\$14.08)
04/03/2018	COGS-Materials	1-TAJRUS1				028 10157 000	028 10157 000	-1	Each	\$50.68	(\$50.68)
04/03/2018	COGS-Materials	1-TAJRUS1				028 10156 000	028 10156 000	-2	Each	\$1.32	(\$2.64)
04/03/2018	COGS-Materials	1-TAJRUS1				023 05366 000	023 05366 000	-2	Each	\$1.68	(\$3.36)
04/03/2018	COGS-Materials	1-TAJRUS1				021 32231 000	021 32231 000	-1	Each	\$25.06	(\$25.06)
04/03/2018	COGS-Materials	1-TAJRUS1				360 00125 000	360 00125 000	-1	Each	\$29.75	(\$29.75)
05/21/2018	MERCER GASKET & SHIM / BELLMAWR	1-UKQ4FIJ		1-66577436081	Vendor PO	Write-In Product	1-1/4" 150# 1/8" THK GYLON 3504 RING GASKET	4	EA	\$7.41	\$29.64
05/31/2018	ASPEN REFRIGERANTS INC	1-UKQ4FIJ		1-67247357666	ISP	SECCYLUSAG E	CYLINDER USAGE FEE	4	Each	\$28.00	\$112.00
06/06/2018	MERCER GASKET & SHIM / BELLMAWR	1-VHJOKKD		1-68549837326	Vendor PO	Write-In Product	Write-In Product	4	Each	\$2.55	\$10.20
06/06/2018	MERCER GASKET & SHIM / BELLMAWR	1-VHJOKKD		1-68549837326	Vendor PO	Write-In Product	Write-In Product	4	Each	\$15.76	\$63.04
06/06/2018	MERCER GASKET & SHIM / BELLMAWR	1-VHJOKKD		1-68549837326	Vendor PO	Write-In Product	Write-In Product	1	Each	\$50.00	\$50.00
<b>TOTAL - MATERIAL</b>											\$273.93

**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
05/01/2018	Mileage	1-TZ15IBE	1-TZBFK72	Mileage - Company Vehicle		10.00	\$9.00
05/07/2018	Mileage	1-U5P16GI	1-U66SQ4K	Mileage - Company Vehicle		5.00	\$4.50
05/22/2018	Mileage	1-UKQ4FIJ	1-ULCOBNZ	Mileage - Company Vehicle		15.00	\$13.50
06/05/2018	Mileage	1-VCFI6LQ	1-VGYTMU0	Mileage - Company Vehicle		5.00	\$4.50
06/09/2018	Mileage	1-VCFI6LQ	1-VJF45G6	Mileage - Company Vehicle		5.00	\$4.50
06/09/2018	Mileage	1-VCFI6LQ	1-VJF45IK	Mileage - Company Vehicle		5.00	\$4.50
06/17/2018	Mileage	1-VKT5VNK	1-VNGBMTH	Mileage - Company Vehicle		5.00	\$4.50
06/17/2018	Mileage	1-VKT5VNK	1-VNGBMVV	Mileage - Company Vehicle		5.00	\$4.50
07/08/2018	Mileage	1-VKT5VNK	1-W7U9H7C	Mileage - Company Vehicle		5.00	\$4.50
08/13/2018	Mileage	1-W9D5PSC	1-XTDRRJS	Mileage - Company Vehicle		10.00	\$9.00
09/22/2018	Mileage	1-XWBHDEB	1-ZK8U5BK	Mileage - Company Vehicle		2.00	\$1.80
<b>Sub Total - Mileage - Company Vehicle</b>						72.00	\$64.80
<b>TOTAL - FEE CHARGES</b>						72.00	\$64.80

**AR Invoices**

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
09/28/2018	1-78406727129		\$7,187.30	\$7,187.30	\$0.00	\$7,187.30
			\$7,187.30	\$7,187.30	\$0.00	<b>TOTAL - INVOICED</b> \$7,187.30

**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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