



Job Detail Transaction Report

Service Request Number	1-84701513778
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 06/10/2019

Page 1 of 5

**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:** Reed, Tonia  
  
**Bill To Account:** E I DUPONT DENEMOURS CO  
**AR Number:** 1325779  
**PO #:** 2600039091  
**Blanket PO #:**  
**Work Order #:**  
**Authorization #:**  
**Tracking #:**  
**Quoted Amount:** \$4,317.97

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	\$2,477.40
COGS - Expense	\$0.00
COGS - Materials	\$199.79
COGS - SubContract	\$0.00
COGS - Fee Charges	\$23.40
<b>Total COGS</b>	\$2,700.59
<b>Revenue \$</b>	\$4,317.97
<b>Margin \$</b>	\$1,617.38
<b>Margin %</b>	37%

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

CHILLER #8 REFRIGERANT LEAK REPAIRS (FEB. 2019)

- ORDER, PICKUP, & DELIVER QTY-8 GARLOCK 3504 (G49B) 2"x 1/8"THK RING GASKETS
- LOCKOUT RELIEF DEVICE 3-WAY VALVE
- REMOVE ONE RUPTURE DISK AT A TIME FROM #8'S RELIEF TREE
- THOROUGHLY CLEAN FLANGE FACE SURFACES & HARDWARE
- INSPECT AND VERIFY RUPTURE DISK CONDITION
- RE-INSTALL w/ NEW & APPROVED GASKETS & TORQUE FLANGES TO SPEC
- ALL JOINTS WILL BE VERIFIED "LEAK-FREE" w/ ELECTRONIC REFRIGERANT LEAK DETECTOR AFTER INSTALLATION IS COMPLETED
- REMOVE AND REPLACE LEAKING 1/2" THREADED FLARE ANGLE VALVE ON THE OIL COOLER REFRIG. VAPOR RETURN LINE. SEAL WITH APPROPRIATE REFRIG GRADE LOCTITE
- FILL OUT & PROVIDE EPA REFRIGERANT LEAK REPAIR DOCUMENTATION AT THE COMPLETION OF THE JOB

\* FOUR Gaskets will be used in the repair and FOUR will remain with the Customer for future use \*

\*\*\* Refrigerant Recover and Recharge is billing billed separately to DUPONT PO#: 2600034674 / JCI SR#: 1-84773414048 \*\*\*

**SERVICE PERFORMED SUMMARY:**



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Page 2 of 5

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
02/21/2019	Kevin Fraze	1-12WT3EFA	<p>CHILLER #8 REFRIGERANT LEAK REPAIRS (FEB. 2019) JCI QUOTE#: 1-12WREHSD</p> <p>REFRIGERANT LEAKS DISCOVERED (01/30/19) on ANNUAL PM (SR#: 1-84255915067):</p> <ol style="list-style-type: none"> <li>1) Rupture Disk Gaskets (Bottom Of Both Disks) (Small)</li> <li>2) Oil Cooler Refrig Vapor Return Line 1/2" Angle Valve Threads (Small)</li> <li>3) Vapor Recovery Angle Valve Packing (Small)</li> </ol> <p>*** Work performed / covered by SR#: 1-84773414048 / PO#: 2600034674 ***</p> <p>02/15/2019:</p> <ul style="list-style-type: none"> <li>◇ Refrigerant Charge was Recovered and Weighed</li> <li>◇ Charge was 400 Lbs (12.3%) below Design</li> </ul> <p>02/22/2019:</p> <ul style="list-style-type: none"> <li>◇ Recovered refrigerant was transferred back after Leaks (below) were fixed</li> <li>◇ 400 Lbs of Additional Charge was added from Dupont's Tank Surplus</li> <li>◇ Charge is now confirmed @ 100% Design weight (3,250 Lbs)</li> </ul> <p>***</p> <p>02/21/2019:</p> <ul style="list-style-type: none"> <li>- Ordered, Picked Up, &amp; Delivered Qty-8 GARLOCK 3504 (G49B) 2"x 1/8"thk Ring Gaskets</li> <li>- Locked-Out Relief Device 3-Way Valve</li> <li>- Removed one Rupture Disk at a time from #8's Relief Tree</li> <li>- Removed old GARLOCK 3300 Gaskets</li> <li>- Thoroughly Cleaned Flange Face Surfaces &amp; Hardware</li> <li>- Cleaned, Inspected, &amp; Verified Rupture Disks were in Good Condition</li> <li>- Re-Installed both Disks w/ new 3504 Gaskets &amp; Torqued Flanges to Spec (48 ft/lbs)</li> </ul>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/22/2019	Kevin Fraze	1-12X7PRCV	<p>02/22/2019:</p> <ul style="list-style-type: none"> <li>- With the CHILLER internal pressure @ 0 PSIG, the 1/2" Threaded Flare Angle Valve on the Oil Cooler Refrig. Vapor Return Line was quickly Removed and Replaced by a new Valve with Refrig Grade Loctite Sealant on the Threads</li> <li>- The Chiller was then Pressurized up to 80 PSIG with Refrigerant Vapor from the Recovery Tank</li> <li>- Successful repair of all Leaks was confirmed by an Electronic Leak Detector</li> <li>- The CHILLER was then re-charged with 3,250 Lbs of R-134A</li> </ul> <p>02/25/2019:</p> <ul style="list-style-type: none"> <li>- A Follow-Up Verification Test was performed on 02/25/2019 and repairs were again Confirmed Successful w/ Electronic Leak Detector</li> <li>- Filled out &amp; EPA Refrigerant Leak Repair Documentation at the Completion of the Job</li> </ul> <p>* QTY-4 Gaskets will remain with the Customer for future use *</p> <p>*** JCI "Refrigerant Tracking" was performed under SR#: 1-84773414048 ***</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES



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**CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY**

Report Date 06/10/2019

Page 3 of 5

**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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Page 4 of 5

**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
02/21/2019	Kevin Frazee	1-12WT3EFA	1-12X0MFTN	0N28	Regular / Regular / Chiller Heavy		-8.00	(\$1,043.11)
02/21/2019	Kevin Frazee	1-12WT3EFA	1-12X0MFTN	0N28	Regular / Regular / Chiller Heavy		10.00	\$1,303.89
02/21/2019	Kevin Frazee	1-12WT3EFA	1-12X0MFTN	0N28	Regular / Regular / Chiller Heavy		8.00	\$1,043.11
02/22/2019	Kevin Frazee	1-12X7PRCV	1-12XGBVP9	0N28	Regular / Regular / Chiller Heavy		6.00	\$782.34
02/22/2019	Kevin Frazee	1-12X7PRCV	1-12XGBVP9	0N28	Regular / Regular / Chiller Heavy		8.00	\$1,043.11
02/22/2019	Kevin Frazee	1-12X7PRCV	1-12XGBVP9	0N28	Regular / Regular / Chiller Heavy		-8.00	(\$1,043.11)
02/25/2019	Kevin Frazee	1-12X7PRCV	1-12Y5VK2N	0N28	Regular / Regular / Chiller Heavy		2.00	\$260.78
02/27/2019	Kevin Frazee	1-12X7PRCV	1-12Z0JKHQ	0N28	Regular / Regular / Chiller Heavy		1.00	\$130.39
<b>Sub Total - Labor Kevin Frazee</b>							19.00	\$2,477.40
<b>TOTAL - LABOR</b>							19.00	\$2,477.40

**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
02/23/2019	UNITED REFRIGERATION INC	1-12WT3EFA		1-84742991432	ISP	N5	NRP FOAM INSULATION TAPE	1	Each	\$12.35	\$12.35
02/23/2019	UNITED REFRIGERATION INC	1-12WT3EFA		1-84742991432	ISP	5RLF	CATCO BLUE RAGS (5LB BOX	1	Each	\$16.00	\$16.00
02/23/2019	UNITED REFRIGERATION INC	1-12WT3EFA		1-84742991432	ISP	6058D	SVC 1/2NPTX1/2SA E PACK A	1	Each	\$33.23	\$33.23
02/25/2019	MERCER GASKET & SHIM	1-12WT3EFA		1-84764870926	PCARD	Write-In Product	SGS-R-2-3/600-1/8-G3504 QTY-8	1		\$138.21	\$138.21
<b>TOTAL - MATERIAL</b>											\$199.79

**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**

Date	Accounting Event Name	Activity #	NxGen Row ID (Fee Tracker)	Product	Adjustment	Qty.	Ext Amt	
02/21/2019	Mileage	1-12WT3EFA	1-12X0LOYZ	Mileage - Company Vehicle		20.00	\$18.00	
02/22/2019	Mileage	1-12X7PRCV	1-12XGBVSH	Mileage - Company Vehicle		5.00	\$4.50	
02/25/2019	Mileage	1-12X7PRCV	1-12Y5VK5U	Mileage - Company Vehicle		1.00	\$0.90	
<b>Sub Total - Mileage - Company Vehicle</b>							26.00	\$23.40
<b>TOTAL - FEE CHARGES</b>							26.00	\$23.40

**AR Invoices**

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
02/28/2019	1-84848268224		\$4,317.97	\$4,317.97	\$0.00	\$4,317.97

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Report Date 06/10/2019

Page 5 of 5

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
			\$4,317.97	\$4,317.97	\$0.00	\$4,317.97
<b>TOTAL - INVOICED</b>						\$4,317.97

**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