



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 02/27/2019

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SERVICE REQUEST (SR):

Status: Scheduled
Substatus: Pending Tech Acceptance
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 #:
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:
Quoted Amount: \$4,317.97

| FINANCIAL SUMMARY | |
|-----------------------------------|---------------------|
| Work In Progress (WIP) | |
| WIP - Labor | \$2,347.01 |
| WIP - Expense | \$0.00 |
| WIP - Materials | \$199.79 |
| WIP - SubContract | \$0.00 |
| WIP - Fee Charges | \$23.40 |
| Total WIP | \$2,570.20 |
| Cost of Goods Sold (COGS): | |
| COGS - Labor | \$0.00 |
| COGS - Expense | \$0.00 |
| COGS - Materials | \$0.00 |
| COGS - SubContract | \$0.00 |
| COGS - Fee Charges | \$0.00 |
| Total COGS | \$0.00 |
| Revenue \$ | \$0.00 |
| Margin \$ | (\$2,570.20) |
| Margin % | |

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

CHILLER #8 REFRIGERANT LEAK REPAIRS (FEB. 2019)

Service Requested:

- 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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HVAC-Equipment / L&M / Custom Quote

Service Site

DUPONT EXPERIMENTAL STATION
DUPONT EXPERIMENTAL

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| ACTIVITY - SCHEDULED DATE: | Assigned Technician | Activity # | Service Provided | Asset ID | Customer Tag | Serial Number | Model Number |
|----------------------------|---------------------|------------|--|-----------|--------------|----------------|-----------------|
| 02/21/2019 | Kevin Frazee | 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): 1) Rupture Disk Gaskets (Bottom Of Both Disks) (Small) 2) Oil Cooler Refrig Vapor Return Line 1/2" Angle Valve Threads (Small) 3) Vapor Recovery Angle Valve Packing (Small)</p> <p>*** Work performed / covered by SR#: 1-84773414048 / PO#: 2600034674 *** 02/15/2019: ◇ Refrigerant Charge was Recovered and Weighed ◇ Charge was 400 Lbs (12.3%) below Design 02/22/2019: ◇ Recovered refrigerant was transferred back after Leaks (below) were fixed ◇ 400 Lbs of Additional Charge was added from Dupont's Tank Surplus ◇ Charge is now confirmed @ 100% Design weight (3,250 Lbs) ***</p> <p>02/21/2019: - Ordered, Picked Up, & Delivered Qty-8 GARLOCK 3504 (G49B) 2"x 1/8"thk Ring Gaskets - Locked-Out Relief Device 3-Way Valve - Removed one Rupture Disk at a time from #8's Relief Tree - Removed old GARLOCK 3300 Gaskets - Thoroughly Cleaned Flange Face Surfaces & Hardware - Cleaned, Inspected, & Verified Rupture Disks were in Good Condition - Re-Installed both Disks w/ new 3504 Gaskets & Torqued Flanges to Spec (48 ft/lbs)</p> | 1-FY0MJZY | CHILLER #8 | GACM117 864 | OTT4G2- ZBES |
| 02/22/2019 | Kevin Frazee | 1-12X7PRCV | <p>02/22/2019: - 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 - The Chiller was then Pressurized up to 80 PSIG with Refrigerant Vapor from the Recovery Tank - Successful repair of all Leaks was confirmed by an Electronic Leak Detector - The CHILLER was then re-charged with 3,250 Lbs of R-134A</p> <p>02/25/2019: - A Follow-Up Verification Test was performed on 02/25/2019 and repairs were again Confirmed Successful w/ Electronic Leak Detector - Filled out & EPA Refrigerant Leak Repair Documentation at the Completion of the Job</p> | 1-FY0MJZY | CHILLER #8 | GACM117 864 | OTT4G2- ZBES |



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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 |
|---------------------------------------|---------------------|------------|-----------------------------|----------|--|------------|-------|--------------|
| 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 | | 8.00 | \$1,043.11 |
| 02/21/2019 | Kevin Frazee | 1-12WT3EFA | 1-12X0MFTN | 0N28 | Regular / Regular / Chiller Heavy | | 10.00 | \$1,303.89 |
| 02/22/2019 | 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 |
| Sub Total - Labor Kevin Frazee | | | | | | | 18.00 | \$2,347.01 |
| TOTAL - LABOR | | | | | | | 18.00 | \$2,347.01 |

WIP Expense

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

WIP 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 |
| TOTAL - MATERIAL | | | | | | | | | | | \$199.79 |

WIP SubContract

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

WIP 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 |
| Sub Total - Mileage - Company Vehicle | | | | | | 26.00 | \$23.40 |
| TOTAL - FEE CHARGES | | | | | | 26.00 | \$23.40 |



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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 | |
|------|---------------------|------------|-----------------------------|----------|--------------------------------------|------------|----------------------|---------|--------|
| | | | | | | | TOTAL - LABOR | 0.00 | \$0.00 |

COGS Expense

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

COGS Material

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

COGS SubContract

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

COGS Fee-Charges

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

AR Invoices

| Date | Invoice # | Related Invoice # | Revenue | Invoice / Credit Memo Sub - Total | Tax | Ext Amt | |
|------|-----------|-------------------|---------|-----------------------------------|--------|-------------------------|--------|
| | | | \$0.00 | \$0.00 | \$0.00 | TOTAL - INVOICED | \$0.00 |

UnReceived Orders

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