



Job Detail Transaction Report

| | |
|-------------------------|--|
| Service Request Number | 1-54505335665 |
| LOB / SR Type / Subtype | HVAC-Equipment / L&M / Labor & Material |
| Service Site | DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL |

Report Date 08/31/2017

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SERVICE REQUEST (SR):

Status: Scheduled
Substatus: Tech On Site
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 #: 650177877
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:

| FINANCIAL SUMMARY | |
|-----------------------------------|---------------------|
| Work In Progress (WIP) | |
| WIP - Labor | \$749.60 |
| WIP - Expense | \$0.00 |
| WIP - Materials | \$302.73 |
| WIP - SubContract | \$0.00 |
| WIP - Fee Charges | \$45.00 |
| Total WIP | \$1,097.33 |
| 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 \$ | (\$1,097.33) |
| Margin % | |

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

Service Requested: 650177877
Trouble shoot ABS #3 Pump issues and check for signs of crystallization

SERVICE PERFORMED SUMMARY:

| ACTIVITY - SCHEDULED DATE: | Assigned Technician | Activity # | Service Provided | Asset ID | Customer Tag | Serial Number | Model Number |
|----------------------------|---------------------|------------|--|------------|--------------|---------------|--------------|
| 08/16/2017 | Kevin Fraze | 1-P1F2ICL | ABSORBER #3 REFRIG PUMP DIAGNOSTICS 08/14/2017 - It was mentioned by DuPont Operators that on the night of 08/13/2017, ABSORBER #3 was started and ran for approximately 45minutes, steam valve was opening, but no tonnage produced. Absorber was then commanded OFF. YORK Panel said it was in "DILUTION MODE", but Solution Temp took an unusually long time to reach 136F. - Investigated the issue the following day and discovered the Main 480Volt feed which supplies the ABSORBER Pumps was Out. - Discovered the Refrigerant Pump Contactor Contacts welded together and it's Overloads NOT Tripped. - The Refrig Pump Windings must have shorted, bypassed it's Overloads and took out | GADM233620 | ABSORBER #3 | GADM233620 | YPC ST 22G |



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Service Site

DUPONT EXPERIMENTAL STATION
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| ACTIVITY - SCHEDULED DATE: | Assigned Technician | Activity # | Service Provided | Asset ID | Customer Tag | Serial Number | Model Number |
|----------------------------|---------------------|------------|--|----------|--------------|---------------|--------------|
| | | | <p>the Fuses in the MCC. This shutdown all of the Solution Pumps, which is why DILUTION MODE appeared to be taking so long. IT NEVER DID AN ACTUAL DILUTION.</p> <ul style="list-style-type: none"> - Locally Locked Out Power, Removed Refrig. Pump Overloads and Contactor, Isolated and Safed Off Pump Motor Wired. - Disconnected Wiring at the Refrig Pump Motor and Checked Winding Resistances (Between Phases and to Ground). Phase resistances were Imbalanced and resistance to Ground was approximately 1 Meg. - MOTOR WILL NEED TO BE REPLACED. - Informed Operators to have Electricians Replace Fuses in MCC Bucket. <p>08/15/2017</p> <ul style="list-style-type: none"> - After Main Fuses were replaced by DuPont, 480V Power was reapplied to ABS# 3. - Manually ran Solution Pumps and Verified based on Levels and Flows that the Absorber was not Crystallized. - Discussed issues w/ Customer | | | | |
| 08/17/2017 | Kevin Frazee | 1-P2LOKHO | <p>8/17/2017</p> <ul style="list-style-type: none"> - It was decided the the Rebuilt Strong Solution Pump Motor that came from ABS#4 in 2008 would be used for ABS#3's Refrig. Pump (If it's Impeller was ok). - Prepared a Lock-Out with DuPont. ** (Due to Powerhouse Nitrogen being unavailable, Absorber Vacuum could not be broken) ** - Isolated Refrig Pump by Globe Discharge and Suction Butterfly Valves and Locked out. - Broken Pump Vacuum with JCI Supplied Nitrogen and Pressured to 20PSIG. - Will Check Pressure tomorrow in order to Verified that the Isolation Valves Hold, before Removing Pump. <p>*** Pump Motor Replacement Labor will be performed on another SR ***</p> | 2670592 | ABSORBER / 3 | | |



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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 |
|---------------------------------------|---------------------|------------|-----------------------------|----------|--|------------|-------|----------|
| 08/14/2017 | Kevin Frazee | 1-P1F2ICL | 1-P1R9MAB | 0N28 | Regular / Regular / Mechanical Heavy | | 3.00 | \$281.10 |
| 08/15/2017 | Kevin Frazee | 1-P1F2ICL | 1-P1MXAXI | 0N28 | Regular / Regular / Mechanical Heavy | | 1.00 | \$93.70 |
| 08/17/2017 | Kevin Frazee | 1-P2LOKHO | 1-P2OXFS3 | 0N28 | Regular / Regular / Mechanical Heavy | | 4.00 | \$374.80 |
| Sub Total - Labor Kevin Frazee | | | | | | | 8.00 | \$749.60 |
| TOTAL - LABOR | | | | | | | 8.00 | \$749.60 |

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 |
|-------------------------|-------------------|------------|------------|---------------|---------------|---------|---|------|------|-----------|----------|
| 08/19/2017 | GRAINGER | 1-P2LOKHO | | 1-54613007357 | ISP | 1GBL7 | Crimped Wire Wheel,3 In Dia,0.0118 Wire | 1 | Each | \$2.82 | \$2.82 |
| 08/19/2017 | GRAINGER | 1-P2LOKHO | | 1-54613007357 | ISP | 49CR86 | Pipe Thread Sealant,50mL, Tube,Low,White | 1 | Each | \$22.73 | \$22.73 |
| 08/19/2017 | GRAINGER | 1-P2LOKHO | | 1-54613007357 | ISP | 3CY89 | Manual Motor Starter,Button,6-10A,1P | 1 | Each | \$149.80 | \$149.80 |
| 08/19/2017 | GRAINGER | 1-P2LOKHO | | 1-54613007357 | ISP | 3DY28 | IEC Magnetic Contactr,120VA C,12A,1NC/1NO | 1 | Each | \$98.08 | \$98.08 |
| 08/29/2017 | GRAINGER | 1-P2LOKHO | | 1-54956295068 | ISP | 3DA36 | Auxillary Contact,6A,2NO | 1 | Each | \$29.30 | \$29.30 |
| TOTAL - MATERIAL | | | | | | | | | | | \$302.73 |

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 |
|--|-----------------------|------------|----------------------------|---------------------------|------------|-------|---------|
| 08/15/2017 | Mileage | 1-P1F2ICL | 1-P1REMUI | Mileage - Company Vehicle | | 15.00 | \$13.50 |
| 08/15/2017 | Mileage | 1-P1F2ICL | 1-P1R9MJV | Mileage - Company Vehicle | | 15.00 | \$13.50 |
| 08/17/2017 | Mileage | 1-P2LOKHO | 1-P2OXFZS | Mileage - Company Vehicle | | 20.00 | \$18.00 |
| Sub Total - Mileage - Company Vehicle | | | | | | 50.00 | \$45.00 |
| TOTAL - FEE CHARGES | | | | | | 50.00 | \$45.00 |



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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 | |
|------|---------------------|------------|-----------------------------|----------|--------------------------------------|------------|----------------------|---------|--------|
| | | | | | | | 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 |