



Job Detail Transaction Report

Service Request Number	1-45765849262
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 02/28/2017

Page 1 of 6

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 #: 6501691743
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:
Quoted Amount: \$5,819.01

FINANCIAL SUMMARY	
Work In Progress (WIP)	
WIP - Labor	\$0.00
WIP - Expense	\$0.00
WIP - Materials	\$0.00
WIP - SubContract	\$0.00
WIP - Fee Charges	\$0.00
Total WIP	\$0.00
Cost of Goods Sold (COGS):	
COGS - Labor	\$3,549.81
COGS - Expense	\$0.00
COGS - Materials	\$152.64
COGS - SubContract	\$0.00
COGS - Fee Charges	\$180.00
Total COGS	\$3,882.45
Revenue \$	\$5,819.01
Margin \$	\$1,936.56
Margin %	33%

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

Service Requested:

CHILLER. #8 RELIEF TREE INSTALL

Transfer Refrigerant to DuPonts Central Storage Tank according to EPA Specs. Record quantity recovered.

Break Vacuum w/Nitrogen & Remove Current Relief Device.

Install New 3-Way Valve, Relief Tree, and Relief Devices.

Pressurize w/Nitrogen, Leak Test Entire Chiller.

Evacuate Chiller & Perform Vacuum Hold Test.

Recharge, Run, and Inspect Chiller Performance.

DuPont will be responsible for providing all material to be installed and for constructing a scaffold that will allow the work to be carried out safely

SERVICE PERFORMED SUMMARY:

ACTIVITY - SCHEDULED	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
----------------------	---------------------	------------	------------------	----------	--------------	---------------	--------------



Job Detail Transaction Report

Service Request Number

1-45765849262

LOB / SR Type / Subtype

HVAC-Equipment / L&M / Custom Quote

Service Site

DUPONT EXPERIMENTAL STATION
DUPONT EXPERIMENTAL

Report Date 02/28/2017

Page 2 of 6

DATE:							
01/20/2017	Kevin Fraze	1-L0VSZJ4		1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
01/23/2017	Kevin Fraze	1-L1R58K6	<p>CHILLER #8 RELIEF TREE JOB DuPont PO#: 6501691743 JCI QUOTE#: 1-FRO6QSB</p> <p>Coordinated with DuPont Personnel for Shutdown and Lockout of CHILLER #8.</p> <p>Verified Operation of Central Recovery Pump Out Unit and began Transferring CHILLER #8's R-134A charge into the Central Recovery Tank.</p> <p>Began organizing material for Installation of new Relief Devices.</p> <p>Stopped Recovery and Isolated. Will finished Vapor Recovery tomorrow.</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
01/24/2017	Kevin Fraze	1-L250YRA	<p>Completed Recovery down to EPA Required Spec of 15"hg Vacuum. Refrigerant is being stored in the YORK Central Recovery Tank.</p> <p>TOTAL R-134A Recovered= 2,920lbs DESIGN CHARGE= 3,300lbs SHORT: 380lbs</p> <p>Brought Chiller up to Atmospheric Pressure with Powerhouse Nitrogen and safed off.</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
01/25/2017	Kevin Fraze	1-L2NPFDP	<p>Dismantled and Removed Old Rupture Disk / Relief Valve Assembly from the Chiller, and Capped flange with pressure gauge.</p> <p>Chiller shell will remain capped, isolated, and at atmospheric pressure until DuPont approves use of GARLOCK 3300 Gaskets on new Rupture Disks, 3-Way Valve, and interconnecting 300# 2" Flanges.</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/02/2017	Kevin Fraze	1-L4S9CHR	<p>Prepped for installation work. Organized materials provided by DuPont, including Garlock 3300 Gaskets.</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/03/2017	Kevin Fraze	1-LAW98P1	<p>Installed 3-Way Valve, 2 Rupture Disks, Interconnecting Piping, & 2 Relief Valves (Provided and Tagged by DuPont's Pressure Vessel Group).</p> <p>Torqued all Flanges to Specs and Connected Relief Valve "A" to Exhaust Pipe. Relief Valve "B" Outlet was Plugged.</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/06/2017	Kevin Fraze	1-LDPYGR2	<p>Pressurized Chiller with Trace Gas and Nitrogen up to 120psig</p> <p>Verified that Newly Installed Relief Devices and Interconnecting Piping were Leak Free with Electronic Leak Detector and Soap Bubbles.</p> <p>Installed Relief Gauges & Copper Tubing from above each Rupture Disk to the common Release Pressure Switch.</p> <p>Verified Switch Closure at 50psig & Alarm Point activation on the Powerhouse Main Control System.</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/07/2017	Kevin Fraze	1-LEAP0SA	<p>Released Nitrogen Pressure. Evacuated Chiller down to 1000 microns. Performed Vacuum Hold Test. OBSERVED= 120u/hr Rise (Good) YORK MAX LIMIT= 650u/hr Rise</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/08/2017	Kevin Fraze	1-LESDELS	<p>Transferred back the recovered R-134A charge (2,920lbs).</p> <p>Added an Additional 150lbs from the YORK Central Recovery Tank.</p> <p>CURRENT TOTAL CHILLER CHARGE= 3,070lbs TOTAL DESIGN CHARGE= 3,250lbs CURRENT CHARGE DEFICIT= 180lbs</p>	1-FY0MJZY	CHILLER #8	GACM117 864	OTT4G2- ZBES
02/16/2017	Kevin Fraze	1-LMIW5PD	<p>Completed Documentation for Job</p>	1-FY0MJZY	CHILLER #8	GACM117	OTT4G2-



Job Detail Transaction Report

Service Request Number	1-45765849262
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 02/28/2017

Page 3 of 6

DATE:							
02/17/2017	Trinace Lucas	1-LNW4VQT				864	ZBES



Job Detail Transaction Report

Service Request Number	1-45765849262
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 02/28/2017

Page 4 of 6

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
TOTAL - LABOR							0.00	\$0.00

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
TOTAL - MATERIAL											\$0.00

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	
TOTAL - FEE CHARGES							0.00	\$0.00



Job Detail Transaction Report

Service Request Number	1-45765849262
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 02/28/2017

Page 5 of 6

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
01/20/2017	Kevin Fraze	1-L0VSZJ4	1-L0Y3FRJ	0N28	Regular / Regular / Mechanical Heavy		6.00	\$546.13
01/20/2017	Kevin Fraze	1-L0VSZJ4	1-L0Y3FRJ	0N28	Regular / Regular / Mechanical Heavy		-4.00	(\$364.08)
01/20/2017	Kevin Fraze	1-L0VSZJ4	1-L0Y3FRJ	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
01/23/2017	Kevin Fraze	1-L1R58K6	1-L1WQSID	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
01/24/2017	Kevin Fraze	1-L250YRA	1-L2FFZVL	0N28	Regular / Regular / Mechanical Heavy		3.00	\$273.06
01/25/2017	Kevin Fraze	1-L2NPFDP	1-L2UR0T1	0N28	Regular / Regular / Mechanical Heavy		5.00	\$455.10
02/02/2017	Kevin Fraze	1-L4S9CHR	1-LCNOVQZ	0N28	Regular / Regular / Mechanical Heavy		2.50	\$227.55
02/03/2017	Kevin Fraze	1-LAW98P1	1-LD25QQ1	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
02/06/2017	Kevin Fraze	1-LDPYGR2	1-LDXVKEX	0N28	Regular / Regular / Mechanical Heavy		2.00	\$182.04
02/07/2017	Kevin Fraze	1-LEAPOSA	1-LEIPJ9H	0N28	Regular / Regular / Mechanical Heavy		2.00	\$182.04
02/08/2017	Kevin Fraze	1-LESELS	1-LF0W520	0N28	Regular / Regular / Mechanical Heavy		6.00	\$546.13
02/16/2017	Kevin Fraze	1-LMIW5PD	1-LMNHM8J	0N28	Regular / Regular / Mechanical Heavy		0.50	\$45.51
Sub Total - Labor Kevin Fraze							39.00	\$3,549.81
TOTAL - LABOR							39.00	\$3,549.81

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
01/25/2017	ANALYSTS INC	1-L0VSZJ4		1-45875827250	ISP	J4	4 OZ JAR	8	Each	\$1.00	\$8.00
01/26/2017	ANALYSTS INC	1-L0VSZJ4		1-45875827250	ISP	J4	4 OZ JAR	-8	Each	\$1.00	(\$8.00)
01/30/2017	ANALYSTS INC	1-L0VSZJ4		1-45875827250	ISP	J4	4 OZ JAR	8	Each	\$1.00	\$8.00
01/31/2017	GRAINGER	1-L0VSZJ4		1-46309792340	ISP	38VR31	Flange Gasket, 2 in., 1/8 in., Blue, PTFE	2	Each	\$18.32	\$36.64
02/01/2017	GRAINGER	1-L0VSZJ4		1-46414622258	ISP	1A870	Cable Tie Mounting Pad, 2-Way, Natri, PK100	1	Each	\$10.03	\$10.03
02/01/2017	GRAINGER	1-L0VSZJ4		1-46414622258	ISP	49CR87	Pipe Thread Sealant, 250mL, Tube, Low, White	1	Each	\$97.97	\$97.97
01/25/2017	COGS-Materials	1-L0VSZJ4				TSTIRC	TSTIRC	8	Each	\$19.75	\$158.00
01/26/2017	COGS-Materials	1-L0VSZJ4				TSTIRC	TSTIRC	-8	Each	\$19.75	(\$158.00)
TOTAL - MATERIAL											\$152.64

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
01/20/2017	Mileage	1-L0VSZJ4	1-L0Y7DC8	Mileage - Company Vehicle		30.00	\$27.00
01/23/2017	Mileage	1-L1R58K6	1-L1WQSMS	Mileage - Company Vehicle		50.00	\$45.00
01/24/2017	Mileage	1-L250YRA	1-L2FFZY0	Mileage -		45.00	\$40.50

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY



Job Detail Transaction Report

Service Request Number	1-45765849262
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 02/28/2017

Page 6 of 6

Date	Accounting Event Name	Activity #	NxGen Row ID (Fee Tracker)	Product	Adjustment	Qty.	Ext Amt
				Company Vehicle			
01/24/2017	Mileage	1-L250YRA	1-L2FFZY0	Mileage - Company Vehicle		30.00	\$27.00
01/24/2017	Mileage	1-L250YRA	1-L2FFZY0	Mileage - Company Vehicle		-45.00	(\$40.50)
01/31/2017	Mileage	1-L2NPFDP	1-LBAF2ED	Mileage - Company Vehicle		10.00	\$9.00
02/02/2017	Mileage	1-L4S9CHR	1-LCNOWUL	Mileage - Company Vehicle		10.00	\$9.00
02/03/2017	Mileage	1-LAW98P1	1-LD25QTW	Mileage - Company Vehicle		15.00	\$13.50
02/06/2017	Mileage	1-LDPYGR2	1-LDXVKJD	Mileage - Company Vehicle		10.00	\$9.00
02/07/2017	Mileage	1-LEA0SA	1-LEIPJC9	Mileage - Company Vehicle		10.00	\$9.00
02/08/2017	Mileage	1-LESDELS	1-LF0W58C	Mileage - Company Vehicle		35.00	\$31.50
Sub Total - Mileage - Company Vehicle						200.00	\$180.00
TOTAL - FEE CHARGES						200.00	\$180.00

AR Invoices

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
02/17/2017	1-47157228217		\$5,819.01	\$5,819.01	\$0.00	\$5,819.01
			\$5,819.01	\$5,819.01	\$0.00	TOTAL - INVOICED \$5,819.01

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

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY