



Job Detail Transaction Report

Service Request Number	1-40855334427
LOB / SR Type / Subtype	HVAC-Equipment / PSA / Scheduled Service
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 05/07/2017

Page 1 of 7

SERVICE REQUEST (SR):

Status: Closed
Substatus: Closed
Hold Reason Code:
Hold Effective Date:
Agreement #: 1-34267562884
Entitlement: 1-HAKE4G3
Priority: PM Committed
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: Administrator, Request

Bill To Account: E I DUPONT DENEMOURS CO
AR Number: 1325779
PO #:
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:

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	\$3,640.85
COGS - Expense	\$27.90
COGS - Materials	\$323.70
COGS - SubContract	\$516.00
COGS - Fee Charges	\$193.50
Total COGS	\$4,701.95

Service Requested: Preventive Maintenance

SERVICE PERFORMED SUMMARY:

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
10/03/2016	Kevin Frazee	1-IRO82HC	ABSORBER SOLUTION SAMPLES 10/03/16 ABS#1 Sample ID: 18841 27,145 Hrs / 773 Starts 2396A / 170M 53.5% ABS#2 Sample ID: 18812 25,023 Hrs / 746 Starts 2063A / 217M 53.1%				
10/04/2016	Kevin Frazee	1-IUTX486	10/04/16 ABS#3 Sample ID: 18796 28,856 Hrs / 748 Starts 2191A / 163M 53.7% ABS#4				



Job Detail Transaction Report

Service Request Number	1-40855334427
LOB / SR Type / Subtype	HVAC-Equipment / PSA / Scheduled Service
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 05/07/2017

Page 2 of 7

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
			Sample ID: 18840 24,288 Hrs / 808 Starts 2005A / 147M				
10/06/2016	Kevin Frazee	1-IVRAPUH					
10/06/2016	Kevin Frazee	1-IVRLYRN					
10/25/2016	Kevin Frazee	1-J2SYRNM	<p>ABSORBER SOLUTION SAMPLES OCT 2016 #1-4</p> <ul style="list-style-type: none"> • ABS #1 Sample Taken: 10/03/16 27,145Hrs/773Starts 2396A/170M Molybdate Inhibitor= 235mg/L Alkalinity= 0.210N Copper= 54mg/L Ammonia= 96mg/L Nitrate Inhibitor= 8mg/L NO INHIBITORS ADDED • ABS #2 Sample Taken: 10/03/16 25,023Hrs/746Starts 2063A/217M Molybdate Inhibitor= 158mg/L Alkalinity= 0.171N Copper= 51mg/L Ammonia= 81mg/L Nitrate Inhibitor= 13mg/L <p>ADDITION (10/31/16) 25,025Hrs/747Starts 2063A/217M Molybdate Added= 2.466lbs Nitrate Added= 1.0lb</p> <ul style="list-style-type: none"> • ABS #3 Sample Taken: 10/04/16 28,856Hrs/748Starts 2191A/163M Molybdate Inhibitor= 196mg/L Alkalinity= 0.162N Copper= 48mg/L Ammonia= 111mg/L Nitrate Inhibitor= 28mg/L <p>ADDITION (10/27/16) 28,867Hrs / 751Starts 2167A/164M Molybdate Added= 1.819lbs Nitrate Added= 1.0lb</p> <ul style="list-style-type: none"> • ABS #4 Sample Taken: 10/04/16 24,288hrs/808Starts Molybdate Inhibitor= 301mg/L 				

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY



Job Detail Transaction Report

Service Request Number

1-40855334427

LOB / SR Type / Subtype

HVAC-Equipment / PSA / Scheduled Service

Service Site

DUPONT EXPERIMENTAL STATION
DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 05/07/2017

Page 3 of 7

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
			Alkalinity= 0.157N Copper= 26mg/L Ammonia= 66mg/L Nitrate Inhibitor= 45mg/L NO INHIBITORS ADDED *** ABSORBER LiBr DESIGN CHARGE 1,645 Gallons / 6,277 Liters 21,944 Lbs / 9,953.63 Kgs				
10/27/2016	Kevin Frazee	1-J2T4EGB	Added Inhibitors to ABSORBER #3 as per Analysis. Added Inhibitors to ABSORBER #2 as per Analysis. *Discovered small air leak on Top Refrig. Tank Sight Glass, while running Absorber* Installed Nitrogen Blankets on all 4 ABSORBERS. FALL SHUTDOWN ABS#1 27,145Hrs/773Starts 2396A/171M				
10/31/2016	Kevin Frazee	1-J5454OV	ABS#2 25,025Hrs/747Starts 2063A/218M ABS#3 28,867Hrs/751Starts 2191A/164M ABS#4 24,290Hrs/808Starts 2005A/148M				
11/01/2016	Kevin Frazee	1-J5NJ2S9	Installed Nitrogen Blanket (1psig) on ABSORBERS #1 & #2. *Discovered Faulty Generator High Pressure Switch on ABS#1* Removed Power from all Absorber Control Panels, opened all pump overloads, and safed off for down season.				



Job Detail Transaction Report

Service Request Number	1-40855334427
LOB / SR Type / Subtype	HVAC-Equipment / PSA / Scheduled Service
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 05/07/2017

Page 5 of 7

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
10/03/2016	Kevin Frazee	1-IRO82HC	1-IUII1EZ	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
10/04/2016	Kevin Frazee	1-IUTX486	1-IV0ZWOV	0N28	Regular / Regular / Mechanical Heavy		6.50	\$591.64
10/25/2016	Kevin Frazee	1-J2SYRNM	1-J2XO6LV	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
10/27/2016	Kevin Frazee	1-J2T4EGB	1-J3VXYP6	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
10/31/2016	Kevin Frazee	1-J5454OV	1-J5CR97S	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
11/01/2016	Kevin Frazee	1-J5NJ2S9	1-J62HZY7	0N28	Regular / Regular / Mechanical Heavy		5.50	\$500.62
11/01/2016	Kevin Frazee	1-J5NJ2S9	1-J62HZY7	0N28	Regular / Regular / Mechanical Heavy		-6.50	(\$591.64)
11/01/2016	Kevin Frazee	1-J5NJ2S9	1-J62HZY7	0N28	Regular / Regular / Mechanical Heavy		6.50	\$591.64
Sub Total - Labor Kevin Frazee							40.00	\$3,640.85
TOTAL - LABOR							40.00	\$3,640.85

COGS Expense

Date	Assigned Technician	Activity #	NxGen Row ID	Branch #	Expense Type	Adjustment	Qty.	Ext Amt
10/04/2016	Kevin Frazee	1-IUTX486	1-IV1SVF8	0N28	Project Emer Matrls/Supplies		1.00	\$9.98
10/04/2016	Kevin Frazee	1-IUTX486	1-IV1SV3N	0N28	Postage/Shipping		1.00	\$17.92
Sub Total - Expense(s): Kevin Frazee								\$27.90
TOTAL - EXPENSE								\$27.90

COGS Material

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	UOM	Unit Cost	Ext Amt
11/01/2016	MCMaster CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Dow Corning High-Vacuum Seal & O-Ring Grease, 5.3 oz Tube	2	EACH	\$29.19	\$58.38
11/29/2016	MCMaster CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Dow Corning High-Vacuum Seal & O-Ring Grease, 5.3 oz Tube	-2	EACH	\$29.19	(\$58.38)
11/29/2016	MCMaster CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Dow Corning High-Vacuum Seal & O-Ring Grease, 5.3 oz Tube	2	EACH	\$29.19	\$58.38
11/01/2016	MCMaster CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Vacuum-Rated 3-A Sanitary Clear PVC Tubing 3/4" ID, 1" OD, 1/8" Wall Thickness, 25 ft. Length	1	EACH	\$90.50	\$90.50
11/29/2016	MCMaster CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Vacuum-Rated 3-A Sanitary Clear PVC Tubing 3/4" ID, 1" OD, 1/8" Wall Thickness, 25 ft. Length	-1	EACH	\$90.50	(\$90.50)
11/29/2016	MCMaster CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Vacuum-Rated 3-A Sanitary Clear PVC Tubing 3/4" ID,	25	FOOT	\$3.62	\$90.50

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY



Job Detail Transaction Report

Service Request Number

1-40855334427

LOB / SR Type / Subtype

HVAC-Equipment / PSA / Scheduled Service

Service Site

DUPONT EXPERIMENTAL STATION
DUPONT EXPERIMENTAL

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY

Report Date 05/07/2017

Page 6 of 7

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	UOM	Unit Cost	Ext Amt
							1" OD, 1/8" Wall Thickness, 25 ft. Length				
11/01/2016	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Vacuum-Rated 3-A Sanitary Clear PVC Tubing 5/8" ID, 1" OD, 3/16" Wall Thickness, 25 ft. Length	1	EACH	\$80.50	\$80.50
11/29/2016	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Vacuum-Rated 3-A Sanitary Clear PVC Tubing 5/8" ID, 1" OD, 3/16" Wall Thickness, 25 ft. Length	-1	EACH	\$80.50	(\$80.50)
11/29/2016	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Vacuum-Rated 3-A Sanitary Clear PVC Tubing 5/8" ID, 1" OD, 3/16" Wall Thickness, 25 ft. Length	25	FOOT	\$3.22	\$80.50
11/01/2016	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Chemical-Resistant Clear PVC Tubing 1/4" ID, 5/8" OD, 3/16" Wall Thickness, 50 ft. Length	1	EACH	\$86.00	\$86.00
11/29/2016	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Chemical-Resistant Clear PVC Tubing 1/4" ID, 5/8" OD, 3/16" Wall Thickness, 50 ft. Length	-1	EACH	\$86.00	(\$86.00)
11/29/2016	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Write-In Product	Chemical-Resistant Clear PVC Tubing 1/4" ID, 5/8" OD, 3/16" Wall Thickness, 50 ft. Length	50	FOOT	\$1.72	\$86.00
01/02/2017	MCMASTER CARR SUPPLY / ROBBINSVILLE	1-J5454OV		1-41714521413	Vendor PO	Freight		0			\$8.32
TOTAL - MATERIAL											\$323.70

COGS SubContract

Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	Ext Amt
10/17/2016	ROCKY RESEARCH / BOULDER CITY	1-IRO82HC		1-41018275797	SubContractor PO	Write-In Product	LITHIUM BROMIDE SAMPLE ANALYSIS	516.00	\$516.00
TOTAL - SUB CONTRACT									\$516.00

COGS Fee-Charges

CONFIDENTIAL AND PROPRIETARY - FOR INTERNAL USE ONLY