



Job Detail Transaction Report

Service Request Number	1-48107179309
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 04/29/2017

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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 #: 6501717034
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:
Quoted Amount: \$9,703.50

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	\$6,007.38
COGS - Expense	\$0.00
COGS - Materials	\$906.73
COGS - SubContract	\$0.00
COGS - Fee Charges	\$274.50
Total COGS	\$7,188.61
Revenue \$	\$9,703.50
Margin \$	\$2,514.89
Margin %	26%

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

Service Requested:

6501717034
REMOVAL & REPLACEMENT OF ALL ABSORBER RUPTURE DISKS (QTY8)
In accordance with DuPont's Vessel Relief Device PM Program, both (Qty2) OSECO Rupture Disks on ABSORBERS #1#4 shall be REMOVED and REPLACED with NEW disks (PROVIDED BY DUPONT)

SCOPE PER ABSORBER (Performed ONE at a Time):

Perform LOCKOUT per DuPont & JCI Requirements
Safely RELEASE Nitrogen Blanket from ABSORBER & Ensure Vessel is Completely Depressurized
DISMANTLE Rupture Disk Companion Flanges & REMOVE OSECO Rupture Disk Assemblies
DISASSEMBLE OSECO (PRDI) Holders, Exposing (PLR) Disk
INSPECT Condition of OLD Disks and Holders (Note any Damage Observed)
If Disk Holders are in GOOD Condition, thoroughly CLEAN as per OSECO specs, INSTALL NEW Disks (PROVIDED BY DUPONT) into Holders
INSPECT Condition and thoroughly CLEAN 6" Companion Flanges
Reinstall OSECO Holders w/ NEW Disks, Appropriate Ring Gaskets, & NEW Flange Bolts
Properly TORQUE companion Flanges to OSECO's specifications
PRESSURIZE ABSORBER Vessel with Nitrogen Pressure and R134a Trace Gas
LEAK TEST Rupture Disks with both Electronic Detector & Soap Bubbles
Safely RELEASE Nitrogen & reduced Absorber pressure below atmospheric with vacuum pump
APPLY a thin coat of Vacuum Sealant around Disk Holder Gasket & Flange to Increase certainty of Air Molecule Seal
Provide DuPont with any DOCUMENTATION requested

Any scaffolding necessary to perform work safely will be provided by DuPont



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SERVICE PERFORMED SUMMARY:

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
03/16/2017	Kevin Frazee	1-M3LR7A7	<p>ABSORBER RUPTURE DISK REPLACEMENT JOB DUPONT PO#: 6501717034 JCI QUOTE#: 1-KWS42DH</p> <ul style="list-style-type: none"> Ordered materials & prepped for job. <p>NEW DISKS PROVIDED BY DUPONT: OSECO PART#: PLR06-9106-C BURST PRESSURE RATINGS: 13.30 PSIG @ 72F 12.00 PSIG @ 250F</p> <p>GASKET MATERIAL: GARLOCK 5500 SERIES 6" / 150# / 1/16" Thickness</p> <p>COMPANION FLANGE BOLT TORQUE (Approved by OSECO): 120 FT/LBs</p>				
03/20/2017	Kevin Frazee	1-M4DTS4J	<p>ABSORBER #4:</p> <ul style="list-style-type: none"> Performed Replacement of Both Rupture Disks as per Quoted Scope No substantial damage was observed on Old Disks, Holders, or Flanges Ensured Vent Piping was Clean and Clear of Debris before Installing New Disks 	GLNM230107	ABSORBER #4	GLNM230107	YPC ST 22G
03/21/2017	Kevin Frazee	1-M4Y9EAI	<p>ABSORBER #4:</p> <ul style="list-style-type: none"> Pressurized Vessel with 18lbs of R134a Trace Gas and Nitrogen up to 9 PSIG Leak Tested Rupture Disks with both Electronic Detector & Soap Bubbles (No Leaks) Applied a thin coat of Vacuum Sealant around Disk Holder Gasket & Flange <p>* Nitrogen pressure will be left in Absorber until Contract Startup Maintenance is Performed</p>	GLNM230107	ABSORBER #4	GLNM230107	YPC ST 22G
03/22/2017	Kevin Frazee	1-M4YFQYI	<p>ABSORBER #3:</p> <ul style="list-style-type: none"> Performed Replacement of Both Rupture Disks as per Quoted Scope No substantial damage was observed on Old Disks, Holders, or Flanges Ensured Vent Piping was Clean and Clear of Debris before Installing New Disks Pressurized Vessel with 15lbs of R134a Trace Gas and Nitrogen up to 9 PSIG Leak Tested Rupture Disks with both Electronic Detector & Soap Bubbles (No Leaks) Applied a thin coat of Vacuum Sealant around Disk Holder Gasket & Flange <p>* Nitrogen pressure will be left in Absorber until Contract Startup Maintenance is Performed</p>	GADM233620	ABSORBER #3	GADM233620	YPC ST 22G
03/24/2017	Kevin Frazee	1-M4YFR1W	<ul style="list-style-type: none"> Picked up additional materials and Prepped for remaining work 				
03/27/2017	Kevin Frazee	1-M7794GX	<p>ABSORBER #2:</p>	GBDM248980	ABSORBER #2	GBDM248	YPC ST 22G

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ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
			<ul style="list-style-type: none"> Performed Replacement of Both Rupture Disks as per Quoted Scope A small stress fracture was observed on the Top Rupture Disk Holder Backing Plate (Pictures where taken. No repairs recommended at this time) No other substantial damage was observed on Old Disks, Holders, or Flanges Ensured Vent Piping was Clean and Clear of Debris before Installing New Disks Pressurized Vessel with 15lbs of R134a Trace Gas and Nitrogen up to 9 PSIG Leak Tested Rupture Disks with both Electronic Detector & Soap Bubbles (No Leaks) Applied a thin coat of Vacuum Sealant around Disk Holder Gasket & Flange <p>* Nitrogen pressure will be left in Absorber until Contract Startup Maintenance is Performed</p>			980	
03/28/2017	Kevin Frazee	1-M7B5ZUD	<p>ABSORBER #1:</p> <ul style="list-style-type: none"> Performed Replacement of Top Rupture Disk as per Quoted Scope No substantial damage was observed on Old Disk, Holder, or Flanges Ensured Vent Piping was Clean and Clear of Debris before Installing New Disk 	GLCM157836	ABSORBER #1	GLCM157836	YPC ST 22G
03/29/2017	Kevin Frazee	1-M7TEBBD	<p>ABSORBER #1:</p> <ul style="list-style-type: none"> Performed Replacement of Bottom Rupture Disk as per Quoted Scope No substantial damage was observed on Old Disk, Holder, or Flanges Ensured Vent Piping was Clean and Clear of Debris before Installing New Disk Pressurized Vessel with 15lbs of R134a Trace Gas and Nitrogen up to 9 PSIG Leak Tested Rupture Disks with both Electronic Detector & Soap Bubbles (No Leaks) <p>* Nitrogen pressure will be left in Absorber until Contract Startup Maintenance is Performed</p>	GLCM157836	ABSORBER #1	GLCM157836	YPC ST 22G
03/30/2017	Kevin Frazee	1-M86MQJ9	<p>ABSORBER #1:</p> <ul style="list-style-type: none"> Applied a thin coat of Vacuum Sealant around Disk Holder Gasket & Flange <p>ALL ABSORBERS:</p> <ul style="list-style-type: none"> Cleaned up job. Ensured all Absorbers were safed off. Removed safety locks. 	GLCM157836	ABSORBER #1	GLCM157836	YPC ST 22G
03/31/2017	Haley Kroes	1-M95CU5D					
03/31/2017	Kevin Frazee	1-M8XPS5M	<ul style="list-style-type: none"> Completed Documentation of Work Performed 				



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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
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



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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
03/16/2017	Kevin Frazee	1-M3LRTA7	1-M3O4V7J	0N28	Regular / Regular / Mechanical Heavy		5.00	\$455.10
03/17/2017	Kevin Frazee	1-M3LRTA7	1-M42QZ6D	0N28	Regular / Regular / Mechanical Heavy		2.00	\$182.04
03/20/2017	Kevin Frazee	1-M4DTS4J	1-M4MT567	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
03/21/2017	Kevin Frazee	1-M4Y9EAI	1-M53QS6C	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
03/22/2017	Kevin Frazee	1-M4YFQYI	1-M5GHH91	0N28	Regular / Regular / Mechanical Heavy		2.00	\$182.04
03/22/2017	Kevin Frazee	1-M4YFQYI	1-M5GHH91	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
03/22/2017	Kevin Frazee	1-M4YFQYI	1-M5GHH91	0N28	Regular / Regular / Mechanical Heavy		-8.00	(\$728.17)
03/24/2017	Kevin Frazee	1-M4YFR1W	1-M6OXORK	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
03/27/2017	Kevin Frazee	1-M7794GX	1-M7EYJKT	0N28	Regular / Regular / Mechanical Heavy		10.00	\$910.21
03/28/2017	Kevin Frazee	1-M7B5ZUD	1-M7S50OQ	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
03/29/2017	Kevin Frazee	1-M7TEBBD	1-M88FJYI	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
03/30/2017	Kevin Frazee	1-M86MQJ9	1-M8L60A5	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
03/31/2017	Kevin Frazee	1-M8XPS5M	1-M8ZVDOE	0N28	Regular / Regular / Mechanical Heavy		-4.00	(\$364.08)
03/31/2017	Kevin Frazee	1-M8XPS5M	1-M8ZVDOE	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
03/31/2017	Kevin Frazee	1-M8XPS5M	1-M8ZVDOE	0N28	Regular / Regular / Mechanical Heavy		3.00	\$273.06
Sub Total - Labor Kevin Frazee							66.00	\$6,007.38
TOTAL - LABOR							66.00	\$6,007.38

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
03/18/2017	GRAINGER	1-M3LRTA7		1-48141632316	ISP	22LD89	Disp Glvs,Nitrile,6 Mil,M,12 In,Blk,PK50	1	Each	\$13.75	\$13.75
03/18/2017	GRAINGER	1-M3LRTA7		1-48141632316	ISP	2HYJ7	Standard Battery,9V,Alka line,PK4	1	Each	\$11.32	\$11.32
03/18/2017	GRAINGER	1-M3LRTA7		1-48141632316	ISP	19G663	Industrial Handheld Light,LED,Black	1	Each	\$20.11	\$20.11
03/20/2017	FASTENAL COMPANY	1-M3LRTA7		1-48157284043	ISP	Write-In Product	HCS 3/4-10 x 6 P8	64	Each	\$1.65	\$105.60
03/20/2017	FASTENAL COMPANY	1-M3LRTA7		1-48157284043	ISP	Write-In Product	A194 2 H 3/4-10	64	Each	\$0.25	\$16.00
04/01/2017	GRAINGER	1-M3LRTA7		1-48466238024	ISP	5E226	Anaerobic Flange Sealant,50mLT ube,Purp	2	Each	\$12.14	\$24.28
04/01/2017	GRAINGER	1-M3LRTA7		1-48466238024	ISP	1TUY6	Gasket, Ring,6 In,Inorganic Fiber,Gray	20	Each	\$5.35	\$107.00
04/01/2017	GRAINGER	1-M3LRTA7		1-48466238024	ISP	4CYP3	Flange Gasket, Ring,6 In,Aramid Fiber	4	Each	\$5.91	\$23.64
04/01/2017	GRAINGER	1-M3LRTA7		1-48466238024	ISP	1ABT7	Multipurpose Air Hose,3/8 In.,Blue	1	Each	\$59.00	\$59.00

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Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	UOM	Unit Cost	Ext Amt
03/22/2017	UNITED REFRIGERATION INC	1-M4DTS4J		1-48203646915	ISP	AB	AB ACID BRUSH	4	Each	\$0.24	\$0.96
03/22/2017	UNITED REFRIGERATION INC	1-M4DTS4J		1-48203646915	ISP	4036	AIRSERCO 4OZ LIQUID VAC	1	Each	\$20.90	\$20.90
03/29/2017	UNITED REFRIGERATION INC	1-M4DTS4J		1-48367081083	ISP	4036	AIRSERCO 4OZ LIQUID VAC	4	Each	\$20.90	\$83.60
03/27/2017	COGS-Materials	1-M4Y9EAI				R-134a	R-134a	18	Pound	\$4.34	\$78.12
03/31/2017	COGS-Materials	1-M4YFQYI				R-134a	R-134a	18	Pound	\$4.34	\$78.12
03/31/2017	COGS-Materials	1-M4YFQYI				R-134a	R-134a	-18	Pound	\$4.34	(\$78.12)
03/31/2017	COGS-Materials	1-M4YFQYI				R-134a	R-134a	15	Pound	\$4.34	\$65.10
03/31/2017	COGS-Materials	1-M7794GX				R-134a	R-134a	15	Pound	\$4.34	\$65.10
03/29/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	520-1/2PTBR	ARMACELL 1/2PT ADHESIVE	1	Each	\$7.76	\$7.76
03/30/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	520-1/2PTBR	ARMACELL 1/2PT ADHESIVE	-1	Each	\$7.76	(\$7.76)
03/31/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	520-1/2PTBR	ARMACELL 1/2PT ADHESIVE	1	Each	\$7.76	\$7.76
03/29/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	416207	CALGON DEGREASING EF SOL	1	Each	\$36.22	\$36.22
03/29/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	1PG70	DOW 1GAL PROPYLENE INHIB	1	Each	\$16.38	\$16.38
03/30/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	1PG70	DOW 1GAL PROPYLENE INHIB	-1	Each	\$16.38	(\$16.38)
03/31/2017	UNITED REFRIGERATION INC	1-M7B5ZUD		1-48367081328	ISP	1PG70	DOW 1GAL PROPYLENE INHIB	1	Each	\$16.38	\$16.38
03/31/2017	MCMaster CARR SUPPLY	1-M7TEBBD		1-48439492178	ISP	46495K21	NPT FEMALE	1	Each	\$32.20	\$32.20
03/31/2017	MCMaster CARR SUPPLY	1-M7TEBBD		1-48439492178	ISP	5361K12	E END	2	Each	\$10.04	\$20.08
03/31/2017	MCMaster CARR SUPPLY	1-M7TEBBD		1-48439492178	ISP	2966K52	DOW CORNING HIGH-VACUUM SEAL & O-RING GREASE 5.3 OZ. TUBE	1	Each	\$29.19	\$29.19
03/31/2017	MCMaster CARR SUPPLY	1-M7TEBBD		1-48439492178	ISP	Freight		0			\$5.32
03/31/2017	COGS-Materials	1-M7TEBBD				R-134a	R-134a	15	Pound	\$4.34	\$65.10
TOTAL - MATERIAL											\$906.73

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
03/16/2017	Mileage	1-M3LRTA7	1-M3O4VAC	Mileage -		25.00	\$22.50

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Date	Accounting Event Name	Activity #	NxGen Row ID (Fee Tracker)	Product	Adjustment	Qty.	Ext Amt
				Company Vehicle			
03/17/2017	Mileage	1-M3LRTA7	1-M42QZ95	Mileage - Company Vehicle		10.00	\$9.00
03/20/2017	Mileage	1-M4DTS4J	1-M4MT5CB	Mileage - Company Vehicle		35.00	\$31.50
03/21/2017	Mileage	1-M4Y9EAI	1-M541DFC	Mileage - Company Vehicle		30.00	\$27.00
03/22/2017	Mileage	1-M4YFQYI	1-M5GHGZD	Mileage - Company Vehicle		30.00	\$27.00
03/24/2017	Mileage	1-M4YFR1W	1-M6OXOW8	Mileage - Company Vehicle		20.00	\$18.00
03/27/2017	Mileage	1-M7794GX	1-M7EYJO4	Mileage - Company Vehicle		35.00	\$31.50
03/28/2017	Mileage	1-M7B5ZUD	1-M7S50KV	Mileage - Company Vehicle		40.00	\$36.00
03/29/2017	Mileage	1-M7TEBBD	1-M88FJUX	Mileage - Company Vehicle		35.00	\$31.50
03/30/2017	Mileage	1-M86MQJ9	1-M8L60E9	Mileage - Company Vehicle		35.00	\$31.50
03/31/2017	Mileage	1-M8XPS5M	1-M9014QS	Mileage - Company Vehicle		10.00	\$9.00
Sub Total – Mileage - Company Vehicle						305.00	\$274.50
TOTAL - FEE CHARGES						305.00	\$274.50

AR Invoices

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
03/31/2017	1-48442404680		\$9,703.50	\$9,703.50	\$0.00	\$9,703.50
			\$9,703.50	\$9,703.50	\$0.00	TOTAL - INVOICED \$9,703.50

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

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