



Job Detail Transaction Report

Service Request Number	1-48814192110
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 11/17/2017

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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 #: 6501730675
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:
Quoted Amount: \$5,882.59

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	\$3,370.45
COGS - Expense	\$0.00
COGS - Materials	\$193.05
COGS - SubContract	\$0.00
COGS - Fee Charges	\$135.00
Total COGS	\$3,698.50
Revenue \$	\$5,882.59
Margin \$	\$2,184.09
Margin %	37%

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

Service Requested:

6501730675
CHILLER #7 LEAK REPAIR
REPAIR REFRIGERANT LEAKS FOUND ON 04/17/17:
[1] Refrig. Sample Valve, Bottom of Evaporator
[2] 1/2" Pipe Thread in Compressor Discharge Line for Transducer
[3] Threaded Well in Compressor Discharge Line for RTD
[4] Drain Valves on Bottom of Comp. Volutes
[5] 1/4" Threaded 45L for Balance Piston Transducer
Assist DuPont Instrumentation Technician with Removal of Transducers for Calibration
Pressurize Chiller with Nitrogen and verify Leak Free
Evacuate Chiller & Perform Vacuum Hold Test
Chiller Re-Charge is covered under JCI Quote#: 1-LP24C0S

SERVICE PERFORMED SUMMARY:

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
04/21/2017	Kevin Frazee	1-MFAPJTK	CHILLER #7 LEAK REPAIR & EVACUATION DUPONT PO#: 6501730675	1-EIZYN96	CHILLER #7	MRP6269 04	OM3000



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ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
			JCI QUOTE#: 1-MEBU0Y7 <ul style="list-style-type: none"> Assisted DuPont Instrumentation Technician. Removed of all Non-Isolatable Refrigerant Pressure Transducers and handed over to DuPont for Calibration. 				
04/24/2017	Kevin Fraze	1-MG79IA5	<ul style="list-style-type: none"> Broke Chiller's Recovery Vacuum w/ Site supplied Nitrogen, up to Atmospheric Pressure, making Chiller available to open. REPAIRED REFRIGERANT LEAK SOURCES [1], [2], & [5] <ul style="list-style-type: none"> [1] Removed Refrigerant Sample (on Bottom of Evap). Replaced w/ New Valve & Appropriate Sealant. [2] Removed 1/2" Threaded Piping in Compressor Disch. Line for Transducer. Replaced w/ New Piping & Appropriate Sealant. [5] Removed 1/4" Threaded Piping & Fittings for Balance Piston Transducer. Cleaned Threads, Applied Appropriate Sealant, & Reassembled. 	1-EIZYN96	CHILLER #7	MRP626904	OM3000
05/01/2017	Kevin Fraze	1-MGDX4B5	<ul style="list-style-type: none"> REPAIRED REFRIGERANT LEAK SOURCES [3] & [4] <ul style="list-style-type: none"> [3] Removed Compressor Discharge RTD and Threaded Well. Cleaned Threads of Well, Applied Appropriate Sealant, & Reassembled. [4] Removed all 3 Volute Drain Valves on the Bottom of the Compressor. Installed New Piping, Valves, & Plugs w/ Appropriate Thread Sealant. Repaired Insulation & Painted Valves. Cleaned up Oil which had accumulated underneath the Compressor, due to leaks. 	1-EIZYN96	CHILLER #7	MRP626904	OM3000
05/02/2017	Kevin Fraze	1-MPM4M2R	<ul style="list-style-type: none"> Retrieved all Ashcroft Pressure Transducers from DuPont Instrumentation Technician after Calibration of each was Checked and Recorded. Re-Installed all Non-Isolatable Transducers w/ Appropriate Thread Sealant, Re-Wired, & Verified received signals on Main Panel. 	1-EIZYN96	CHILLER #7	MRP626904	OM3000
05/03/2017	Kevin Fraze	1-MQC�NQ1	<ul style="list-style-type: none"> Added R-134a Trace Gas from the Central Recovery Tank to the Chiller, up to 5 PSIG Static. Increased Chiller Pressure to 100 PSIG with Site supplied Nitrogen. Performed another Complete Leak Test of Chiller w/ Electronic Leak Detector & Soap Bubbles. <ul style="list-style-type: none"> All Repairs were Verified LEAK-FREE. ADDITIONAL LEAKS DISCOVERED & REPAIR DURING 2ND TEST: <ul style="list-style-type: none"> [6] Intercooler High Side Float Adjustment Stem Packing. <ul style="list-style-type: none"> Stroked Adjustment IN & OUT, Cleaned Stem, & Tightened Packing until LEAK-FREE. [7] Interstage FISHER Actuated Valve Steam (only while Rotating). <ul style="list-style-type: none"> Loosened Packing, Cleaned Stem, Throttled Valve Back & Forth, Evenly Tightened Packing until LEAK-FREE. [8] Bottom Oil Sump Sight Glass on Compressor. <ul style="list-style-type: none"> Evenly Tightened Gasket Bolts until LEAK-FREE. 	1-EIZYN96	CHILLER #7	MRP626904	OM3000
05/04/2017	Kevin Fraze	1-MQQBTRR	<ul style="list-style-type: none"> Safely Released Nitrogen Pressure from Entire Chiller, once all Repairs and Serviced Components were Verified LEAK-FREE. Delivered and Set up YORK Portable Vacuum Pump. Connected to Chiller's Liquid Line w/ 1" Flexible Hose. Routed Discharge of Pump through an Oil Demister, then Hoses to Outside. Installed New Oil and Verified Performance of the Vacuum Pump. 	1-EIZYN96	CHILLER #7	MRP626904	OM3000



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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"> • Opened Pump up to Chiller and Began Evacuation of Chiller. • Let Pump Run Over-Night 				
05/05/2017	Kevin Frazee	1-MRKW0FC	<ul style="list-style-type: none"> • Valved off Vacuum Pump from Chiller. • Checked the depth of Chiller Vacuum with Digital Gauge: 160 Microns • Performed Vacuum Hold Test for 8hrs • Final Calculated Rise: 11 Microns / Hr (Very Good) • Disconnected Vacuum Pump From Chiller. • Gradually brought Chiller out of the Vacuum, up to 3 PSIG with 240 LBS of it's R-134A Recovered Charge. • An EPA Refrigerant Conservation Services Report will be Completed in Full Detail and Provided to DuPont. <p>***Chiller Re-Charge will be Performed & Covered under JCI Quote#: 1-LP24C0S / SR#: 1-48130592782 / PO#: 6501729020***</p>	1-EIZYN96	CHILLER #7	MRP6269 04	OM3000
05/30/2017	Kevin Frazee	1-NADYHK7	<ul style="list-style-type: none"> • Tasking Records & Documentation 	1-EIZYN96	CHILLER #7	MRP6269 04	OM3000
05/31/2017	Chris Cifax	1-NCNIQ4N		1-EIZYN96	CHILLER #7	MRP6269 04	OM3000



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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
04/21/2017	Kevin Frazee	1-MFAPJTK	1-MFR3WZ1	0N28	Regular / Regular / Mechanical Heavy		8.00	\$728.17
04/24/2017	Kevin Frazee	1-MG79IA5	1-MGA3C7W	0N28	Regular / Regular / Mechanical Heavy		6.00	\$546.13
05/01/2017	Kevin Frazee	1-MGD4B5	1-MQMXY6	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
05/02/2017	Kevin Frazee	1-MPM4M2R	1-MPVGMYX	0N28	Regular / Regular / Mechanical Heavy		6.00	\$546.13
05/03/2017	Kevin Frazee	1-MQCNOQ1	1-MQMUDAH	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
05/04/2017	Kevin Frazee	1-MQQBTRR	1-MRDJ209	0N28	Regular / Regular / Mechanical Heavy		2.00	\$182.04
05/05/2017	Kevin Frazee	1-MRKW0FC	1-MRQGV6	0N28	Regular / Regular / Mechanical Heavy		2.00	\$182.04
05/09/2017	Kevin Frazee	1-MSLG02F	1-MSPV1SM	0N28	Regular / Regular / Mechanical Heavy		1.00	\$91.02
05/12/2017	Kevin Frazee	1-MGD4B5	1-MVZWP	0N28	Regular / Regular / Mechanical Heavy		4.00	\$364.08
05/30/2017	Kevin Frazee	1-MRKW0FC	1-N9QROBG	0N28	Regular / Regular / Mechanical Heavy		-1.00	(\$93.70)
05/30/2017	Kevin Frazee	1-MRKW0FC	1-N9QROBG	0N28	Regular / Regular / Mechanical Heavy		1.00	\$93.70
05/30/2017	Kevin Frazee	1-NADYHK7	1-NAOCJKR	0N28	Regular / Regular / Mechanical Heavy		1.00	\$93.70
Sub Total - Labor Kevin Frazee							38.00	\$3,461.47
05/09/2017	Time record not found	1-MSLG02F	1-MSPWXW1	Time record not found	Regular		-1.00	(\$50.24)
05/09/2017	Time record not found	1-MSLG02F	1-MSPXCMG	Time record not found	Regular		-1.00	(\$40.78)
Sub Total - Labor Time record not found							-2.00	(\$91.02)
TOTAL - LABOR							36.00	\$3,370.45

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
05/02/2017	MCMaster CARR SUPPLY / 0 EDI	1-MG79IA5		1-49440397354	Vendor PO	Write-In Product	High-Pressure Compact 316 SS on/Off Valve with Lockable T-Handle, 1/4 NPT Female	2	EACH	\$34.60	\$69.20
05/02/2017	MCMaster CARR SUPPLY / 0 EDI	1-MG79IA5		1-49440397354	Vendor PO	Write-In Product	Hi-Pressure Nickel-Plated Steel Glass Sight without Reflector, 2 NPT Male, 2-1/2" Hex Size	2	EACH	\$31.89	\$63.78
05/02/2017	MCMaster CARR SUPPLY / 0 EDI	1-MG79IA5		1-49440397354	Vendor PO	Write-In Product	316 Stainless Steel Threaded Pipe Fitting Low-Pressure, Bushing Adapter, 1/2 Male X 1/4 Female	2	EACH	\$4.16	\$8.32
05/02/2017	MCMaster CARR SUPPLY / 0 EDI	1-MG79IA5		1-49440397354	Vendor PO	Write-In Product	High-Pressure on/Off Valve with Lockable Lever Handle, Steel Body, 1/4	1	EACH	\$36.98	\$36.98

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Date	Vendor / Buy Site	Activity #	Adjustment	Order #	Type of Order	Product	Description	Qty.	UOM	Unit Cost	Ext Amt
							NPT Fem				
05/04/2017	MCMASTER CARR SUPPLY / 0 EDI	1-MG79IA5		1-49440397354	Vendor PO	Freight		0			\$5.57
05/11/2017	GRAINGER	1-MRKW0FC		1-49653153421	ISP	Write-In Product	Write-In Product	2	Each	\$4.60	\$9.20
05/11/2017	GRAINGER	1-MRKW0FC		1-49653153421	ISP	Write-In Product	Write-In Product	2	Each	\$4.60	\$9.20
05/11/2017	GRAINGER	1-MRKW0FC		1-49653153421	ISP	Write-In Product	Write-In Product	-2	Each	\$4.60	(\$9.20)
05/11/2017	GRAINGER	1-MSLG02F		1-49653153421	ISP	5H903	Rust Preventative Spray Paint,Black,15oz	2	Each	\$4.60	\$9.20
05/11/2017	GRAINGER	1-MSLG02F		1-49653153421	ISP	Write-In Product	Write-In Product	-2	Each	\$4.60	(\$9.20)
05/11/2017	GRAINGER	1-MSLG02F		1-49653153421	ISP	Write-In Product	Write-In Product	-2	Each	\$4.60	(\$9.20)
05/11/2017	GRAINGER	1-MSLG02F		1-49653153421	ISP	Write-In Product	Write-In Product	2	Each	\$4.60	\$9.20
TOTAL - MATERIAL											\$193.05

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
04/21/2017	Mileage	1-MFAPJTK	1-MFR3X2E	Mileage - Company Vehicle		30.00	\$27.00
04/24/2017	Mileage	1-MG79IA5	1-MGA3CBH	Mileage - Company Vehicle		30.00	\$27.00
05/02/2017	Mileage	1-MPM4M2R	1-MPVGN1P	Mileage - Company Vehicle		20.00	\$18.00
05/03/2017	Mileage	1-MQCNQQ1	1-MQMUDCY	Mileage - Company Vehicle		20.00	\$18.00
05/03/2017	Mileage	1-MGDX4B5	1-MQMJOY	Mileage - Company Vehicle		10.00	\$9.00
05/04/2017	Mileage	1-MQQBTRR	1-MRDJ26L	Mileage - Company Vehicle		10.00	\$9.00
05/05/2017	Mileage	1-MRKW0FC	1-MRQIHKE	Mileage - Company Vehicle		10.00	\$9.00
05/09/2017	Mileage	1-MSLG02F	1-MSPV1V2	Mileage - Company Vehicle		10.00	\$9.00
05/09/2017	Mileage	1-MSLG02F	1-MSPWXX8	Mileage - Company Vehicle		-10.00	(\$9.00)
05/12/2017	Mileage	1-MGDX4B5	1-MV8ZVVN	Mileage - Company Vehicle		10.00	\$9.00

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Date	Accounting Event Name	Activity #	NxGen Row ID (Fee Tracker)	Product	Adjustment	Qty.	Ext Amt
05/30/2017	Mileage	1-NADYHK7	1-NAOCJNI	Mileage - Company Vehicle		10.00	\$9.00
Sub Total – Mileage - Company Vehicle						150.00	\$135.00
TOTAL - FEE CHARGES						150.00	\$135.00

AR Invoices

Date	Invoice #	Related Invoice #	Revenue	Invoice / Credit Memo Sub - Total	Tax	Ext Amt
05/31/2017	1-50831092744		\$5,882.59	\$5,882.59	\$0.00	\$5,882.59
			\$5,882.59	\$5,882.59	\$0.00	TOTAL - INVOICED \$5,882.59

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