



Job Detail Transaction Report

Service Request Number	1-60507439543
LOB / SR Type / Subtype	HVAC-Equipment / L&M / Custom Quote
Service Site	DUPONT EXPERIMENTAL STATION DUPONT EXPERIMENTAL

Report Date 03/27/2018

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SERVICE REQUEST (SR):

Status: Scheduled
Substatus: Tech Accepted
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 #: 6501853388
Blanket PO #:
Work Order #:
Authorization #:
Tracking #:
Quoted Amount: \$4,315.49

FINANCIAL SUMMARY	
Work In Progress (WIP)	
WIP - Labor	\$3,093.31
WIP - Expense	\$0.00
WIP - Materials	\$0.00
WIP - SubContract	\$0.00
WIP - Fee Charges	\$31.50
Total WIP	\$3,124.81
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 \$	(\$3,124.81)
Margin %	

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

Service Requested:

Chiller #9 Annual Maintenance (JAN 2018)
Refrigerant Leak Test chiller and Document Leaks Found (repair minor leaks, if possible)
Furnish and Change Compressor Oil Filter, and Oil Return Filter-Drier
Disassemble Compressor Coupling, Clean, & Check Cold Alignment
Measure & Record Compressor Low-Speed Axial Thrust
Reassemble Coupling and Re-Check Compressor Cold Alignment
Vacuum out Compressor Motor and Change Air Filters
Check all Chiller Controls, Safeties, and Low Voltage Electrical Connections
Document all tasks and Provide DuPont with a Comprehensive Report

Refrigerant & Oil Samples will be performed under a separate Quote

SERVICE PERFORMED SUMMARY:

ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
01/26/2018	Kevin Fraze	1-RSOKF90	CHILLER #9 ANNUAL MAINTENANCE (2018): DUPONT PO#: 6501853388 QUOTE#: 1-QNIJ6XV				



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ACTIVITY - SCHEDULED DATE:	Assigned Technician	Activity #	Service Provided	Asset ID	Customer Tag	Serial Number	Model Number
			SR: 1-60507439543 RUN HOURS: 47,622 / STARTS: 2070 <ul style="list-style-type: none"> REMOVED REFRIGERANT SAMPLE & SHIPPED TO LAB FOR ANALYSIS. Condition is NORMAL. (Expense covered under QUOTE# 1-QLCJ701) REMOVED OIL SAMPLE FROM COMPRESSOR SUMP & SHIPPED TO LAB FOR ANALYSIS. Condition is NORMAL. (Expense covered under QUOTE# 1-QLCJ701) REPLACED MAIN OIL FILTER (w/15u 026-11225-000) REPLACED OIL RETURN FILTER-DRIER (C-413) CHECKED OIL HEATER OPERATION. OFFLINE SUMP TEMP IS 136F OIL SUMP LEVEL W/ PUMP RUNNING: 1/4" BELOW TSG 				
03/12/2018	Kevin Fraze	1-SHOPWDQ	<ul style="list-style-type: none"> CHECKED ALL CHILLER CONTROLS, SAFETIES, & LOW VOLTAGE ELECTRICAL CONNECTIONS VERIFIED BOTH HIGH PRESSURE SWITCH CUTOFF PRESSURES OF 180PSIG & ALARM POINT ACTIVATION ON THE POWERHOUSE MAIN CONTROL SYSTEM VERIFIED RUPTURE DISK PRESSURE SWITCH CLOSURE AT 50PSIG & ALARM POINT ACTIVATION ON THE POWERHOUSE MAIN CONTROL SYSTEM REFRIGERANT LEAK TESTED ENTIRE CHILLER. (NO LEAKS DISCOVERED) CLEANED MOTOR. VACUUMED OUT INTERNALS. CHANGED BEARING OIL & AIR FILTERS (16x25x2 QTY-4) 	1-H7K9F6K	CHILLER #9	GACM127 698	OTT4G2- ZBES
03/15/2018	Kevin Fraze	1-SPQKP82	COMPRESSOR ALIGNMENT CHECK: 70PSIG / OIL SUMP @ 135F <ul style="list-style-type: none"> DISASSEMBLED 1-7/8" YORK-FLEX COUPLING & CLEANED AXIAL SHIMS= 0.121" + 0.151" = 0.272" MEASURED MOTOR SHAFT FLOAT= 0.510" (ACCEPTABLE) MOTOR TO COMP SHAFT CLEARANCE: Motor Full Forward= 3.401" Motor Full Back= 3.911" Float Total= 0.510" (0.500-0.565) (Min-Max) <ul style="list-style-type: none"> MEASURED MOTOR COUPLING RIM RUNOUT= 0.001" MEASURED COMP SHAFT RADIAL RUNOUT: 0.001" MEASURED COMP AXIAL THRUST= 0.015" (w/ Jack Screw) CHECKED TORQUE OF MOTOR FEET BOLTS RECORDED ALIGNMENT w/LASER & DIALS (ALIGNMENT IS CURRENTLY WITHIN TOLERANCE) RE-ASSEMBLED COUPLING & TORQUED TO SPEC CLEANED CHILLER & PREPPED FOR STARTUP DOCUMENTED ALL ANNUAL MAINTENANCE TASKS PERFORMED & PROVIDED DUPONT WITH COMPREHENSIVE REPORT (INCLUDING OIL AND REFRIGERANT ANALYSIS REPORTS) 	1-H7K9F6K	CHILLER #9	GACM127 698	OTT4G2- ZBES

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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
01/26/2018	Kevin Frazee	1-RSOKF90	1-RT7ZGML	0N28	Regular / Regular / Mechanical Heavy		4.00	\$374.80
03/12/2018	Kevin Frazee	1-SHOPWDQ	1-SJ9TDF2	0N28	Regular / Regular / Chiller Heavy		2.00	\$244.36
03/13/2018	Kevin Frazee	1-SHOPWDQ	1-SQW6G3T	0N28	Regular / Regular / Chiller Heavy		8.00	\$977.44
03/14/2018	Kevin Frazee	1-SPQKP82	1-SQVZ3A3	0N28	Regular / Regular / Chiller Heavy		4.00	\$488.72
03/15/2018	Kevin Frazee	1-SPQKP82	1-SQWC3VI	0N28	Regular / Regular / Chiller Heavy		8.00	\$977.44
03/26/2018	Kevin Frazee	1-SPQKP82	1-T60RZ0C	0N28	Regular / Regular / Chiller Heavy		0.25	\$30.55
Sub Total - Labor Kevin Frazee							26.25	\$3,093.31
TOTAL - LABOR							26.25	\$3,093.31

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
01/26/2018	Mileage	1-RSOKF90	1-RT7ZGRJ	Mileage - Company Vehicle		10.00	\$9.00
03/12/2018	Mileage	1-SHOPWDQ	1-SJ9TDHI	Mileage - Company Vehicle		5.00	\$4.50
03/18/2018	Mileage	1-SPQKP82	1-SQWC3T3	Mileage - Company Vehicle		10.00	\$9.00
03/18/2018	Mileage	1-SPQKP82	1-SQWC3QP	Mileage - Company Vehicle		10.00	\$9.00
Sub Total - Mileage - Company Vehicle						35.00	\$31.50
TOTAL - FEE CHARGES						35.00	\$31.50



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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