

### INFRAMARK Work Order

**District:** HC358D    **WO#:** 2121117    **Dept:** 5725    **WO Type:** SP    **Resp:** MTX    **Issued:** 11/25/2019  
**Asset ID/Description:** HC358D-SP1/Harris County MUD # 358 - Sewer Treatment Plant # 1  
**Activity Code/Description:** PM12MGENLDEL/Annual Generator Electrical Load Test for a Generator  
**Address/Location:** 17105 Cypresswood Dr

**Additional Address/Location or Task Details:** Sched#: 4146 SchedType: ELEC DateSched: 12/02/19

**Req By:** \_\_\_\_\_ **Assigned To:** James E McCowan Jr    **GL Code:** 40800  
**Utility Staking #:** \_\_\_\_\_ **UCC Start:** \_\_\_\_\_ **UCC End:** \_\_\_\_\_  
**OLD Meter ID:** \_\_\_\_\_ **Read:** \_\_\_\_\_ **MIU:** \_\_\_\_\_ **Special Class:** Planned Maintenance  
**NEW Meter ID:** \_\_\_\_\_ **Read:** \_\_\_\_\_ **MIU:** \_\_\_\_\_ **Gallons Flushed:** \_\_\_\_\_  
**Date Complete:** \_\_\_\_\_ **Attachments:** 0    **Backcharge To:** \_\_\_\_\_ **L-B-S:** \_\_\_\_\_

Material / Inventory ID	Vendor / Description	PO# / P-Card	Qty	Price
ES456	electrical tape		1	

Labor / Equipment ID	Job Class	Date	Time In	Time Out	OT?
604055 J.M.	ELJ	12-5-19	7:30	12:30	R
605791 N.S.	ELA	12-5-19	7:30	12:30	R
115032	unit	12-5-19	7:30	12:30	R
GenLTEQ	loadbank	12-5-19	7:30	12:30	R
Therm temp	temp gun	12-5-19	7:30	12:30	R
604055 J.M.	ELJ	12-5-19	13:00	16:00	R
605791 N.S.	ELA	12-5-19	13:00	16:00	R
115032	unit	12-5-19	13:00	16:00	R
GenLTEQ	loadbank	12-5-19	13:00	16:00	R
Therm temp	temp gun	12-5-19	13:00	16:00	R

**Mgr Rev Req:** Yes No    **BID/Est Cost:** \$0.00    **Manager Name:** M    **Billing Notification:** Yes No

**Field Comments:** Using a load bank conduct a load test following NFPA 110 rules as applicable  
 Completed yearly generator load bank test. All tested OK at this time.

No Problem Found     Customer Responsibility     New WO     New Asset     Void WO/Reason:

DEC 06 2019

DEC 06 2019  
AW



*2-80 Batteries*

DATE: *12-3/19*  
 TECHNICIAN: *JM/MUS*  
 SITE: *HCS580-SPL*  
 FUEL TYPE: DIESEL  NAT GAS  
 FUEL CAPACITY: *4000* GALLONS



W.O. #: *2121117*  
 ADDRESS: *17105 Cypresswood Dr.*  
 UNIT MODEL NO. #: *DFEC-1955367*  
 UNIT SERIAL NO. #: *8010206505*  
 UNIT RATING: KW: *450* VOLTS: *277/480*

BUILDING LOAD TEST/LOAD BANK TEST FORM

TIME	VOLTS			AMPS			PF	KW	FREQ	EXH TEMP	HR METER	TEMP °F	OIL PSI	AMBIENT °F	
	1-2	2-3	1-3	1	2	3									
10:30	482.0	482.2	482.1	19.90	19.56	18.11	.794	12.62	60.02	156	N/A	702.2	127	94	68
10:45	480.5	481.0	480.8	110.6	109.8	108.8	.993	90.83	60.02	188	}	702.5	152	87	69
11:00	478.8	479.8	479.3	217.1	216.7	215.3	.999	179.1	60.01	214		702.7	170	79	69
11:15	477.3	478.5	477.9	327.4	328.0	325.8	1.002	270.3	60.00	249		703.0	171	74	70
11:30	475.0	476.3	475.6	438.0	439.8	436.8	1.002	360.9	60.00	284		703.2	170	70	71
11:45	475.0	476.3	475.6	438.0	439.8	436.8	1.000	360.7	60.00	311		703.5	170	70	71
12:00	475.0	476.3	475.6	438.0	439.8	436.8	1.000	360.9	60.00	358	703.7	170	70	73	
12:15	475.0	476.3	475.6	438.0	439.8	436.8	1.002	360.9	60.00	389	704.0	170	70	73	
12:30	475.0	476.3	475.6	438.0	439.8	436.8	1.002	360.7	60.00	421	704.2	170	70	74	

*90*  
*180*  
*270*  
*360*

TIME DELAY TO START: *680* TIME DELAY TO EMERGENCY: *1050* TIME DELAY TO NORMAL: *840*