

ader Information										
Manufacturer:		General Electric			Date Tested:			07-10-	2020	_
Model Number:			40T-12BXR01			Date Sample Rec.:		06-17-	2020	
Serial Number:	PROTO			Test Station #:		Clevela	nd - 3			
Test Procedure:	DOE UEF 1st Hour (Storage)			Heating Medium:		Natura	l Gas			
Software Version	2.15.1031.19				Operator:		Ashley	Cocita		
Data File Name:					RgasST-3-GE3-1102_Report.csv					
Report File Name:	UEFFHRgasST-3-GE3-1102_Report.xlsx									
rst Hour Test Data Inputs										
How many pre-draws we Was the final draw already			0 No							
Draw (include a	all draws)	1	2	3	4	5	6			
Draw duration	n [mm:ss]	0:10:26	0:11:26	0:03:02						
Volume Dra	ıwn (gal.):	31.8	34.6	9.2						
Min Flow Ra		3.0	3.0	3.0						
Max Flow Ra	ate [GPM]	3.1	3.0	3.0						
Inlet water temperature	min. (°F):	57.7	57.7	57.7						
Inlet water temperature	max. (°F):	57.8	57.8	57.8						
Inlet water temperature avg (°F)		57.7	57.7	57.7						
Cut Off Temperature [°F]		121.47	110.99	110.99						
T* _{max} outlet [°F]		136.49	126.02	115.86						
Temperature drop in outlet[°F]		15.01	15.03	4.88						
Average T* _{del} [°F]		131.05	120.40	112.50						
Density, ρ [lbs/gallon]		8.23	8.25	8.26						
Mass of the water removed[lbs]		261.44	285.34	76.37						
Mass of the Water Ferri	ovou[ibo]	201.11	203.31	70.57						
Draws com	npleted, n	3	include la	st draw]				
Partial Cre	_	Yes		Percent water withdrawn[%			drawn[%]	34.1		
Min Ambient Temp[°F]		66.6					m R.H.[%]	0.0		
Max Ambient Temp[°F]		66.8					m R.H.[%]			
Avg Ambient Temp[°F]							ge R.H.[%]	0.0		
$F_{hr} = \mathop{a}_{i=1}^{n_{s}-1} \bigvee_{i} + \frac{\bigvee_{n} \left(\overline{T}_{c}\right)^{n_{s}}}{\left(\overline{T}_{c}\right)^{n_{s}}}$			- ₁)							
[1st-ŀ	r Ratinر	g, F _{hr}	67	.85	gallons				
1		Draw	Pattern:	N	Aed-usag	ge				
		100	net Uour		st Conditio					
				Ĭ				Check		
		Measurement		Mini	Minimum		Maximum		Unit	
		Min	Max			1				
Inlet temperature		57.69	57.78		.00	60.			F	
	Flow rate	2.99	3.05		75	3.2		1	GPM	
Ambi	ent Room	66.56	66.81	65	.00	70.	00	TRUE °	F	

Setup (This table should include instrumentation, sensors, and all equipment used during testing)						
Instrument Type	Brand	Model #	Accuracy	Date of Last	Deadline for Next	
Thermocouple 1	Z00007616	TJ180-CPSS-18U-	+/-0.5°F	7/8/2020	1/8/2021	
Thermocouple 2	Z00005566	TJ180-CPSS-18U-	+/-0.5°F	7/8/2020	1/8/2021	
Thermocouple 3	Z00007590	TJ180-CPSS-18U-	+/-0.5°F	7/8/2020	1/8/2021	
Thermocouple 4	Z00005567	TJ180-CPSS-18U-	+/-0.5°F	7/8/2020	1/8/2021	
Thermocouple 5	Z00005563	TJ-180CPSS-18U-	+/-0.5°F	7/8/2020	1/8/2021	
Thermocouple 6	Z00004877	TJ180-CPSS-18U-	+/-0.5°F	7/8/2020	1/8/2021	
RTD Inlet	Z00009715	3SSDXK6BZZZZ	+/-0.2°F	4/17/2020	7/17/2020	
RTD Outlet	Z00007877	3SSDXK6BZZZZ	+/-0.2°F	4/17/2020	7/17/2020	
Ambient RTD	Z00017274	3SSBRK6BZZZZ	+/-0.2°F	4/27/2020	7/27/2020	
Power Meter	Z00001528	WT310HC	+/- 0.1% of reading	5/6/2020	5/6/2021	
Water Flow	9389	ACM-3000	+/- 0.5% of reading	5/8/2020	8/8/2020	
Water Pressure	Z00009189	ZM1500-DI0300	±0.125%FS	5/6/2020	5/6/2021	
Gas Meter Pressure	Z00005027	ZM1500-DN0028	±0.125%FS	5/6/2020	5/6/2021	
Gas Meter	Z00001497	AC-250	+/-1% of reading	5/6/2020	5/6/2021	
as Meter Temperatur	Z00015424	3SSBRK6BZZZZ	+/-0.2°F	5/6/2020	5/6/2021	
Manifold Pressure	Z00013657	ZM1500-DM0028	±0.125%FS	5/6/2020	5/6/2021	

Notes/Comments (Please clarify any pertinent details, unusual events, etc.)

40136 BTU/15 min

Test Report Sign-Off Block

By signing in the space below, we certify that the information and data in this report: (1) were obtained from the specific test unit under test; (2) were obtained during the specific test being reported; (3) were not copied from any other source, except where instructed to do

Role	Date	Entity
Test Completion	07-10-2020	Ashley Cocita
Template Completion	07-13-2020	Ashley Cocita
Report Review by Test Lab	07-13-2020	Mark Whiteman