

# Home Energy Rating Certificate

Property  
Perry 4098

10703 William Pass Lane  
Cypress, TX 77433

HERS

Rating Type: Confirmed  
Rating Date: 5/1/2018  
Registry ID: 395436657

Certified Energy Rater: Phil Cox  
Rating Number: 01092018NE



HERS Index: 59

Efficient Home Comparison: 41% Better

## General Information

Conditioned Area	4098 sq. ft.	House Type	Single-family detached
Conditioned Volume	37382 cubic ft.	Foundation	Slab
Bedrooms	5		

## Mechanical Systems Features

Heating:	Fuel-fired air distribution, Natural gas, 80.0 AFUE.
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Cooling:	Air conditioner, Electric, 16.0 SEER.
Duct Leakage to Outside	79.00 CFM25.
Ventilation System	Supply Only: 195 cfm, 52.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

## Building Shell Features

Ceiling Flat	R-30.0 w/RB	Slab	R-0.0 Edge, R-0.0 Under
Sealed Attic	NA	Exposed Floor	NA
Vaulted Ceiling	R-19.0 w/RB	Window Type	U-Value: 0.330, SHGC: 0.210
Above Grade Walls	R-13.2	Infiltration Rate	Htg: 2879 Cfg: 2879 CFM50
Foundation Walls	NA	Method	Blower door test

## Lights and Appliance Features

Percent Interior Lighting	100.00	Range/Oven Fuel	Natural gas
Percent Garage Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	475	Clothes Dryer CEF	2.62
Dishwasher (kWh/yr)	260	Ceiling Fan (cfm/Watt)	110.40

## Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	33.0	\$257	18%
Cooling	11.2	\$159	11%
Hot Water	21.5	\$158	11%
Lights/Appliances	33.5	\$608	43%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$239	17%
<b>Total</b>	<b>99.1</b>	<b>\$1421</b>	<b>100%</b>

## Criteria

This home meets or exceeds the minimum criteria for the following:  
2009 International Energy Conservation Code  
2012 International Energy Conservation Code  
2015 International Energy Conservation Code

Rater

Burgess Construction Consultants  
101 W. Renner Rd Ste 400  
Richardson, TX 75082  
Phone #214-888-7300  
Fax # 214-888-7266

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The Home Energy Rating Standard Disclosure for this home is available from the rating provider.



# HOME CERTIFIED TO MEET THE PROVISIONS OF THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE

This home built at  
10703 William Pass Lane, Cypress, TX  
by Perry Homes

exceeds the minimum requirements for the 2015 International  
Energy Conservation Code

## Building Features

Ceiling Flat	R-30.0 w/RB	Duct	R-6.0
Sealed Attic:	NA	Duct Leakage to Outside:	48.00 CFM @ 25 Pascals
Vaulted Ceiling	R-19.0 w/RB	Total Duct Leakage:	48.00 CFM @ 25 Pascals
Above Grade Walls	R-13.2	Infiltration:	Htg: 2879 Cfg: 2879 CFM50
Foundation Walls	NA	Window	U-Value: 0.330, SHGC: 0.210
Exposed Floor	NA	Heating	Fuel-fired air distribution, Natural gas, 80.0 AFUE.
Slab	R-0.0 Edge, R-0.0 Under	Cooling	Air conditioner, Electric, 16.0 SEER.
		Water Heating	Conventional, Natural gas, 0.60 EF, 40.0 Gal.

The organization below certifies that the proposed building design described herein is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2015 IECC requirements in compliance with Chapter 4 based on Climate Zone 2A and with all mandatory requirements.

Name Phil Cox  
Organization Burgess, Inc

Signature  
Date 1 May 2018

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