City of Midland Residential Energy Code Compliance Certificate

Address: _____

Builder/ Designer: _____ **Phone:** _____

Envelope Summary: List the R-Value for the following components:

Flat Ceiling/roof _____ Sloped/vault ceiling _____ Exterior Wall _____ Attic kneewall _____

Foundation slab _____ Floors over unconditioned space _____ Duct _____

Fenestration Components:

Window U-factor _____ Window SHGC _____ Skylight U-factor _____ Skylight SHGC _____

Glazed Door U-factor _____ Opaque Door U-Factor _____

Building Envelope Tightness:

BET test conducted by _____ Phone: _____

Fan Flow at 50 Pascals= _____CFM Total Conditioned Volume = _____cu. ft. ACH=_____

Visual inspection conducted by _____ Phone: _____

Mechanical Summary:

Water Heater Energy Factor: _____Ef Fuel Type: __ Gas __ Electric __ Other Number of Heating and Cooling Systems: ____

Heating System Type: ☐ Gas_____AFUE ☐ Air-Source Heat Pump_____HSPF ☐ Other:_____ Efficiency:_____

Cooling System Type(Standard DX, Heat Pump, Geothermal, etc): _____

Efficiency : _____ __SEER __ EER __ Other

Heating/Cooling Load Calculation Performed by: _____ Phone: _____

Total Heating Load (based on ACCA Manual J or other approved method) : _____Btu/hr

Total Cooling Load (based on ACCA Manual J or other approved method): _____Btu/hr

Cooling Sensible Load: _____Btu/hr Cooling Latent Load: _____Btu/hr

Total Air Handler CFM (based on design calculations): _____CFM

Duct Tightness Test conducted by : _____ Phone: _____

System	Method(DB,MBDS,AMBD)	Test (pco,pct,rlt)	CFM25	Area Served SF	Result (%)
System 1					
System 2					
System 3					