



Department of Building Safety

2021 INTERNATIONAL ENERGY CONSERVATION CODE
Compliance Procedures

Plan Review Requirements

The City of Sugar Land shall require any persons requesting a Building Permit for new construction or a remodel/addition of a structure to submit proof of compliance with the 2021 International Energy Conservation Code.

Approved Method:

RES (Residential) or COM (Commercial) check Energy Code Compliance Software

1. Provide a RES or COM check Compliance Report and a RES or COM check Inspection Checklist. (RES or COM check software is available free of charge thru the US Department of Energy. www.energycodes.gov)
2. Include with the above information three complete sets of construction drawings. (Include with the drawings)
 - a. A door schedule detailing the Gross Area, U-Factor and the type of each individual door located in the building envelope.
 - b. A window schedule detailing the Gross Area, U-Factor and the type of each individual window located in the building envelope. Note: (The area-weighted average Solar Heat Gain Coefficient (SHGC) of all glazing cannot exceed 0.4)
 - c. A detail identifying the R-Value of the insulation to be installed in the walls and at the ceiling located in the building envelope.

The provisions of this document are not intended to prevent an alternative method of compliance provided the Building Official finds that the proposed method is satisfactory and complies with the intent of the provisions of the 2021 International Energy Conservation Code.

Please feel free to contact our office if you have any questions regarding the above information at (281) 275-2270.