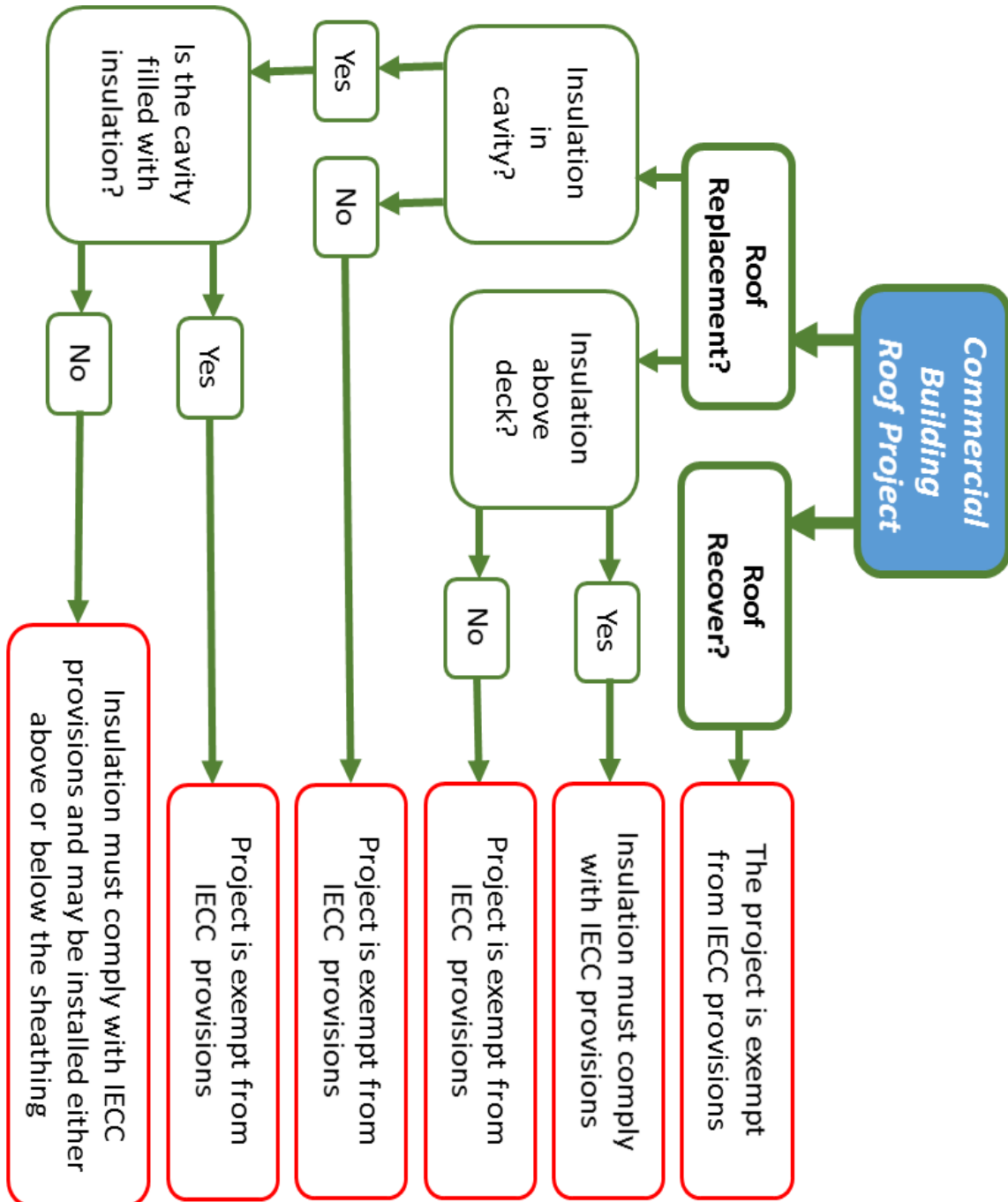


# DOES MY PROJECT HAVE TO COMPLY?



The International Energy Conservation Code as applied to:



COMMERCIAL ROOFING



# Definitions

**Building Thermal Envelope.** The basement walls, exterior walls, floor, roof, and any other building elements that enclose conditioned space. This boundary also includes the boundary between conditioned space and any exempt or unconditioned space.

**Conditioned Space.** An area or space within a building being heated or cooled, containing uninsulated ducts, or with a fixed opening directly into an adjacent conditioned space.

**Repair.** The reconstruction or renewal of any part of an existing building. See also "Roof Repair."

**Alteration.** Any construction or renovation to an existing structure, other than repair or addition that requires a permit.

**Roof Assembly.** A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and roof deck. A roof assembly includes the roof covering, underlayment, roof deck, insulation, vapor retarder and interior finish.

**Reroofing.** The process of recovering or replacing an existing roof covering. See "Roof Recover" and "Roof Replacement."

**Roof Recover.** The process of installing an additional roof covering over a prepared existing roof covering without removing the existing roof covering.

**Roof Replacement.** The process of removing an existing roof covering, repairing any damaged substrate and installing a new roof covering.

**Roof Repair.** Reconstruction or renewal of any part of an existing roof for the purposes of its maintenance.

# Requirements



Photo credit: PIMA

Any garage, warehouse or other non-conditioned space that is altered to become conditioned space shall be brought into full compliance with the IECC,<sup>1</sup> including roof insulation requirements.



If a cavity within the building thermal envelope is exposed and contains no insulation, or the insulation does not completely fill the cavity, the exposed cavity is required to be "filled" with insulation.

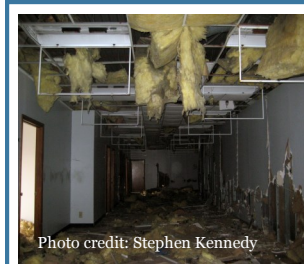


Photo credit: Stephen Kennedy

Insulation installed on a suspended ceiling with removable tiles is not considered part of the minimum thermal resistance of the roof insulation.



Photo credit: Dirk Ellmer

Roof recovers are exempt from the provisions of the IECC.



Roof recovers over insulation above deck, or roofs without insulation in the cavity and where the sheathing or insulation is exposed during re-roofing shall be insulated either above or below the sheathing.

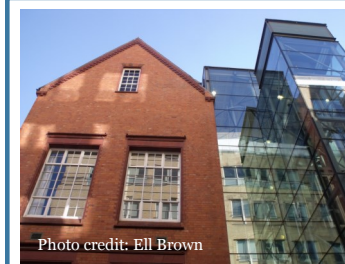


Photo credit: Ell Brown

All portions of an addition shall comply with the IECC without requiring unaltered portions of the existing building to comply.

<sup>1</sup>IECC is the International Energy Conservation Code and is published by the International Code Council (ICC). For more information about the IECC or to purchase a copy, visit [www.iccsafe.org](http://www.iccsafe.org).

\*This brochure is NOT an ICC publication. Specific code requirements and the interpretation thereof are the sole authority of the adopting jurisdiction.

Specific questions regarding your project should be directed to your local code official. Questions about this brochure can be directed to Ryan Meres: [ryan@imt.org](mailto:ryan@imt.org)