

## RULE XV - PREFABRICATED CONSTRUCTION

### SECTION 1501. Prefabricated Assembly

1. Prefabricated assembly is a structural unit, the integral parts of which have been built-up or assembled prior to incorporation in the building. It shall be made of pre-cast concrete, various metal components, unplasticized polyvinyl chloride (**uPVC**) or other construction materials acceptable to the architect/engineer.
2. To determine the structural adequacy, durability, soundness, weather and fire resistance of pre-fabricated assemblies, they shall pass the special tests conducted by any accredited material testing laboratories.
3. Every device or system to connect prefabricated assemblies shall be capable of developing the strength of the different members as an integral structure. Except, in the case of members forming part of a structural frame as specified in the **Code and this IRR**.
4. Anchorages and connections between members and the supporting elements of the structure or walls shall be capable of withstanding all probable external and internal forces or other conditions for a structurally adequate construction.
5. In structural design, proper allowances shall be made for any material to be displayed or removed for the installation of pipes, conduits, or other equipment.
6. Metal and uPVC prefabricated assembly shall be adequately provided with anchorage and connectors.
7. Placement of prefabricated assemblies shall be inspected to determine compliance with the Code.
8. During the placement of the prefabricated assembly, a safety engineer shall be required at the site.

*(emphases supplied)*

*Rule XVI follows*