

**CHAPTER 4  
SPECIAL DETAILED REQUIREMENTS BASED  
ON USE AND OCCUPANCY**

**SECTION 414.2.3  
IBC Interpretation No. 05-06  
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**414.2.3 Separation.** The required fire-resistance rating for fire barrier assemblies shall be in accordance with Table 414.2.2. The floor construction of the control area, and the construction supporting the floor of the control area, shall have a minimum 2-hour fire-resistance rating.



**Q:** A control area is located within a building that is permitted to be constructed using building elements with a required fire-resistance rating equal to or less than that required by Table 414.2.2. Is the minimum 2-hour fire-resistance-rated construction required in Section 414.2.2 required to include the entire floor structure of the floor on which the control area is located as well as all construction supporting the floor where the control area is located?

**A:** No. Only the building elements within the load path of the portion of the floor where the control area is located are subject to the provisions of Section 414.2.2. It is not necessary to provide 2-hour fire-resistance-rated construction for the entire floor and supporting structure where the control area is located. The purpose for allowing 2-hour fire-resistance-rated construction to be isolated to the specific building elements providing structural support for a control area permits control areas to be located in buildings with unprotected types of construction, such as IIB, IIIB, and VB, without requiring a change of construction type for the entire building.

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