

## **ICC Code Technology Committee**

### **Area of Study – Climbable Guards**

#### **Scope & Objectives**

Approved 4/14/05

##### **Scope:**

The study of climbable guards will focus on determining the need for appropriate measures to prevent or inhibit an individual from utilizing the elements of a guard system, including rails, balusters and ornamental patterns, to climb the guard, thereby subjecting that person to the falling hazard which the guard system is intended to prevent.

##### **Objective:**

The objective of this investigation includes a determination of the parameters necessary in order to achieve code requirements for providing necessary and reasonable protection against the climbing of guards. These parameters include, but are not limited to:

1. Review code development history.
2. Demographics of persons to be protected.
3. Identify occupancies where protection is required.
4. Acquire and review statistical injury data relating to the scope of the study.
5. Identify patterns or arrangements of guard elements which implement or prohibit climbing by those meeting demographics.
6. Develop code requirements which are responsive to identified public safety needs while providing reasonable latitude for the design and construction of alternative guard systems.
7. Develop an impact statement concerning the probable reduction of deaths and injuries resulting from a code requirement.

##### **Work Product:**

A report produced in accordance with Section 5.1 of CP #5 shall be submitted to the ICC CEO. The CTC Secretariat shall process the report according to the codes/standards development process of the ICC.