

Fire and Life-Safety Group (FLS)

General Review Comments Applicable to Most Projects

Introduction

FLS understands that items 3 through 10 will be included in Division 1 for general projects and will be included, via reference to UCB Standards, for Standing Order Contractors.

Requirements

1. PERMIT: Please obtain a permit (an "Authorization to Proceed") before starting the activities.
2. DESIGN DOCUMENTS: Please submit design documents to FLS for review, i.e., when prepared by the design team.
3. INTEGRITY OF STAIRWELL ENCLOSURES: Please ensure that stairwell enclosures are not used as a passage of wiring, cables, piping, ductwork or ANY items that do not serve that specific stairwell.
4. HOT WORK DURING CONSTRUCTION: Please ensure that any hot work activities during construction, e.g., using heat guns, soldering, brazing, welding, grinding, powder driven studs, metal cutting using power tools or other activities involving flames or sparks are preceded by an approved hot work permit. If a hot work permit is required, please ensure that contractor follows the procedures. Hot work permit forms are available from CU project managers, FM office of Planning, Design and Construction, and the FLS web site:
 - For a Hot Work Permit [click here](#)
5. HOT WORK DURING SHOP'S OPERATION: Please ensure that any routine hot work activities after construction, e.g., using heat guns, soldering, brazing, welding, grinding, powder driven studs, metal cutting using power tools or other activities involving flames or sparks in educational shops and laboratories are preceded by an annual hot work certificate issued by FLS.
6. ACCESS AND EGRESS OBSTRUCTIONS: Please ensure that the project staging area and construction activities do not cause the obstruction of paths of egress inside the building, block exit discharge from the building or impede emergency vehicle access to the area.
7. DUST/FUME GENERATION: If the construction activities generate dust or fumes inside the building, necessary measures are to be taken to prevent the nuisance actuation of any nearby smoke or duct detectors.Â Please contact the Fire Systems Group to take necessary actions.
8. PENETRATIONS THROUGH FIRE RATED ASSEMBLIES: Please ensure that any penetrations through fire rated assemblies are firestopped.
9. OUTAGE PROCEDURES: Please ensure that any outages of the fire systems are based on the campus procedures. The campus procedures are available from the FLS web site:
 - For Fire Alarm and Detection Systems Outage Procedures [click here](#)
 - For Fire Suppression System Outage Procedures [click here](#)
10. SPRINKLER DAMAGE PREVENTION: Please protect the sprinklers in the construction area against mechanical damage and paint over-spray.