

Fire Stops for Cable Penetrations

INTRODUCTION

It is often necessary to construct penetrations through fire barriers. Since the associated penetration provides a path through which fire or combustion products may also pass, the open space in the penetration must be plugged. These "fire stops" must meet or exceed the fire rating of the original barrier.

PROCEDURES

1. It is the responsibility of landlord divisions/sections to ensure that acceptable fire stops are installed and properly maintained as required in all their assigned facilities.
2. The fire rating of fire stop materials shall meet or exceed that of the fire barriers in which they are used.
3. Only UL or FM approved fire stop materials shall be used. Installation shall be performed by qualified installers and according to manufacturer's specifications.
4. Documentation on the fire stops is to be maintained by the landlord division/section.
5. Penetrations through or into Hazardous (Classified) locations shall be approved by the ESH Fire Protection Engineer. Sealing wiring through or into Hazardous locations shall meet applicable NEC 500 through 517 requirements.