

## Case Story

### Problem:

During Fiber Optics manufacturing employees use an epoxy to connect different length of fiber cable. At a local Fiber Optics Cable Manufacturing working were complaining about the strong odors created by this process. Another main concern was that the position of the fume arms proposed could not remain in a fixed position to work efficiently because the point at where the fumes would be generated would vary everyday.

### Solution:

Nine FX Arm 3" x 4" wall/ceiling mount fume extraction arms were used in conjunction with FX 3" clear dome hoods. flexibility was achieved by using a "fume rail". Three FX Arms were connected by one rail, which maintained a constant vacuum. Each arm could slide independently along the length of the fume rail allowing the operators to determine where fume extraction was needed and at what time. The fumes and odors were captured by the FX Arms, and conveyed out of the facility via the "fume rail". A custom adapter was used to connect the "fume rail" to the FX Arms.

### Result:

The customer was very pleased with the flexibility of the system as well as the function of the extraction arms themselves. They have added another rail system to their facility since this installation.

