

To Whom This May Concern:

The purpose of this engineering manual is to give you more technical information about FlexHead products. The first FlexHeads were installed in a semiconductor plant (now an Intel plant) in 1986. They are still in service today; they were tested and accepted by Factory Mutual (FMRC). In the early 1990 FlexHead and FMRC worked together to draft the first ever FMRC testing criteria for flexible sprinkler connections, soon thereafter FlexHead received its first FMRC approval.

Today, FlexHead holds over fifty Factory Mutual approvals and several Underwriters Laboratories listings for flexible sprinkler connections. Our semiconductor products are currently protecting just about every major semiconductor plant in the world. Semiconductor facilities are generally considered to be the most sensitive environments in the world; costing billions to build and housing billions of dollars worth of tools for making semiconductors. With shutdown costs approaching \$2,000 per second, per plant, you can see why they are given this title.

Over ten years ago FlexHead introduced the first FMRC approved and UL listed commercial sprinkler connection; designed to be used in suspended ceilings normally found in commercial buildings. We used the same technology that we developed for the clean room environment and adapted it to accommodate the commercial sprinkler marketplace. These products meets all requirements of NFPA13 and is approved for use in suspended ceilings classified as light-duty, intermediate-duty or heavy-duty systems.

Our manufacturing facility is audited quarterly by FM Global and Underwriters Laboratories for conformance to their exacting quality control programs. Our own in house quality control program vastly exceeds both FMRC and UL quality control requirements. FlexHead has been a principal board member on the NFPA 318 board helping to write fire protection codes for the clean room industry for a decade. We hope all of the information enclosed answers any questions you may have about FlexHead products.

Thank you for your interest in FlexHead products.