SECTION 15302C – SPRINKLER HYDRAULICS FOR CONTRACTORS

PART 1 - GENERAL

1.1 DESIGN PROCEDURES

A. Obtain hydraulic design criteria from contract documents prepared by the Engineer of Record, and appropriate FM Data Sheets, Use Group, hazard classification and design densities, areas of application and hose stream requirements.

B. The Installing Contractor shall perform hydraulic calculations for all new sprinkler and standpipe systems.

C. Perform hydraulic calculations based on the FM approved design criteria to confirm that the final Working (Fabrication) Drawing Layout is sufficient to provide sufficient pressures and flows.

1.2 HYDRAULIC CALCULATIONS

A. The Installing Contractor shall perform hydraulic calculations to confirm that the available water supply and specified fire pumps are adequate to provide sufficient pressure and flow for the protected hazards.

1.3 APPROVALS

A. Submit hydraulic calculations and working plans to the Factory Mutual Loss Prevention Consultant for review and approval before starting fabrication work.

END OF SECTION