

REQUIREMENTS FOR VARIOUS REVIEWS

OF THE WVSFMO

NOTICE: All plans being submitted to our agency for review **MUST** be accompanied by the appropriate 'Request for Review' form, which can be found on our website by type of review. If this form is **NOT** received within thirty (30) days of receipt of plans, then plans will be disregarded. If you have any further questions, contact our office at (304) 558-2191.

ARCHITECTURAL REVIEW

1. Complete set of plans to include:
 - a. Site Plans
 - b. Architectural Plans
 - c. Electrical Plans
 - d. Mechanical Plans
 - e. Plumbing Plans
 - f. Elevation Layout
 - g. Specification Book, if applicableAll of these to scale, stamped, sealed & signed
2. A completed Plan & Review Division form to be completed by the plans submitter.

FIRE ALARM SYSTEM REVIEW

1. Architectural layout indicating:
 - a. Room usage
 - b. All devices
 - c. Wiring diagram
 - d. Battery calculations
 - e. Drawings to scale
2. Fire Alarm System has to be designed by:
 - a. Personnel who are certified NICET level 3 or 4 or an engineer.
 - b. Personnel who are factory trained and certified with certificate.
3. These plans have to be to scale.
4. Plan & Review Division form for a Fire Alarm System submittal to be completed by the submitter.

SPRINKLER SYSTEM REVIEW

1. A layout of the building indicating:
 - a. Sprinkler System & devices for system
 - b. Fire Department Connection location
 - c. All valves, tamper flow switches, and gauges
 - d. Hydraulic calculations
 - e. Water Flow Test Information
 - f. Proposed location and approximate size, if a water supply employing pumps or tanks is contemplated
 - g. Underground piping size and location
2. Sprinkler System shall be designed by a) a person who is NICET Level 3 or 4 certified with certification, b) has the same manufacturer's design class with certificate or c) an engineer.
3. Plan & Review Division form for a Sprinkler System submittal to be completed by the submitter.

HOOD SUPPRESSION SYSTEM

1. As built drawings required for review indicating the hood(s), exhaust duct(s), and appliances, along with the interface of the fire-extinguishing system detectors, piping, nozzles, fuel and electric power shutoff devices, agent storage container(s), and manual actuation device(s), shall be submitted.
2. Provide the system designer's name.
3. Plan & Review form for Hood Systems to be completed by the submitter.

CLEAN AGENT SYSTEMS

1. As built drawings required for review indicating
 - a. Complete system with all devices
 - b. Layouts of appliances
 - c. Calculations
 - d. Type of system
 - i. ARGON
 - ii. FM 200/SINORIX 227
 - iii. FE-13
 - iv. 3M NOVEC 1230/SINORIX 1230
 - v. INERGEN
 - vi. CO2
 - vii. HALON WATER MIST
2. Provide the system designer's name.
3. Plan & Review form for Clean Agent System to be completed by the submitter.

CARPET

1. Submit Critical Radiant Flux test from a nationally recognized laboratory.
2. Submit Smoke Density test from a nationally recognized laboratory.
3. Plan & Review Carpet form to be completed by the submitter.

ABOVE GROUND STORAGE TANKS

1. Site plans indicating:
 - a. Tank location
 - b. Distance from all buildings, property line and public ways.
 - c. Location, size and distances of bollards from tank.
 - d. Location of emergency shut off.
2. To include tank size and manufacturers cut sheets on tanks.
3. If area is not fenced – indicate location of fence at least 10 feet surrounding tank.
4. Plan & Review AGST form to be completed by the submitter.