



THE CITY OF REDMOND
FIRE DEPARTMENT - PREVENTION DIVISION
**Redmond Fire Department Standards
Administrative Ruling / Interpretation**



Code Section: 9.3.8.13, Duct Detectors

Standard Edition: 2000

Date: September 19, 2000

Statement of Need: Enforcement of RFDS 9.3.8.13

Prior to May of 2000 duct detectors controlling air-handling equipment have been indicated at the FACP as an alarm condition. Many unnecessary Fire Department emergency responses have resulted from non-fire HVAC maintenance conditions. Redmond's Alarm Standard was changed in May 2000 to have these detectors report to the FACP as a "supervisory" signal. Numerous existing installations have the potential for continuing to cause unnecessary emergency responses. Therefore, existing installations shall be changed in accordance with this ruling.

Ruling/Interpretation:

1. Duct detectors for the control of air handling equipment shall be identified at the FACP as a "supervisory" signal (RFDS 9.3.8.13).
2. Existing non-compliant systems shall be brought into compliance with section 9.3.8.13 when:
 - a. There is modification to the system which requires a permit, or
 - b. When the system has been designated a "problematic system" by a Redmond Fire Department Inspection Notice.
3. All such devices shall be changed to report as a "supervisory" signal:
 - a. If completed as part of the work identified on a valid fire alarm system permit, no additional fees will be charged, however, these changes and the proper reporting of all other zones shall be documented in the certificate of completion. **Or, if no other work is being done,**
 - b. Within 60 days, **or**
 - c. Per an approved plan for the transition of all such devices from alarm to supervisory. The plan shall include a date certain time frame for compliance not exceeding 6 months.
4. If this is the only work done and no other change in the panel or system is required (3b or 3c), then a **Quick Start** permit shall be required per each building affected. The fee for this permit shall be for the actual number of devices changed per building **not to exceed the fee for 20 devices**. A certificate of completion documenting the changes and the proper reporting of all zones in the system, and the green inspection card, shall be submitted to the Redmond Fire Department.

Robert Lovett
Fire Marshal