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to ensure safe building
construction while
supporting a positive
business climate.*

No: 2007 OMSC Section 510.

Code Section: 2007 OMSC Section 510.**Code Edition:** 2007 for OMSC.**Date:** *June 15, 2008***Subject:** Motor and fan requirements for *Hazardous Exhaust Systems*.**Question:** Where can the minimum requirements for motors and fans be found, as they apply to hazardous exhaust systems in Section 510?**Answer:** Section 503, **Motors and Fans** has specific requirements applicable to hazardous exhaust systems and must be used in conjunction with Section 510.**Analysis:** The type of motor and fan must be carefully considered when designing an exhaust system that handles hazardous exhaust. Section 503 sets standards for the types of motor and fan to be used in a hazardous exhaust system governed under Section 510. It's extremely important to apply both sections when designing a hazardous exhaust system.

For example, the equipment involved in operations generating explosive or flammable vapors, fumes or dusts relies on the ventilation or exhaust equipment for proper removal of these flammable or explosive contaminants from the building. The interlocking requirements found in Section 503.1 will ensure that the equipment involved in operations generating explosive or flammable vapors, fumes or dusts will not function if there is insufficient ventilation or exhaust to evacuate these contaminants.

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