

NEMA ENCLOSURE STANDARDS

<u>NEMA 1</u>	Primarily indoor use to provide protection against contact with the enclosed equipment.
<u>NEMA 3R</u>	Outdoor use primarily to provide a degree of protection against falling rain, sleet, and external ice formation. Not intended to protect against dust.
<u>NEMA 3</u>	Outdoor use primarily to provide a degree of protection against windblown dust, rain, sleet and external ice formation.
<u>NEMA 4</u>	Indoor or outdoor use to provide a degree of protection against windblown dust and rain, splashing water and hose directed water.
<u>NEMA 4X</u>	Indoor or outdoor use to provide a degree of protection against windblown dust and rain, corrosion, splashing water and hose directed water. *Stainless steel or fiberglass
<u>NEMA 6</u>	Indoor or outdoor use to provide a degree of protection against the entry of water during occasional temporary submersion at a dept of 6 feet for 30 minutes. Not intended to provide protection against corrosive environments.
<u>NEMA 12</u>	Indoor use to provide a degree of protection against dust, falling dirt and dripping water.
<u>NEMA 13</u>	Indoor use to provide a degree of protection against dust, spraying of water, oil and noncorrosive coolant.

ENCLOSURES FOR HAZARDOUS LOCATIONS

<u>NEMA 7</u>	Indoor use for Class I, Groups A, B, C or D. It shall be capable of withstanding the pressures resulting from an internal explosion of specified gases.
<u>NEMA 9</u>	Indoor use for Class II, Groups E, F, G. Prevent entrance of dust and contain heat from devices so not to ignite or discolor accumulated dust on enclosure.

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