DEPARTMENT OF SAFETY AND INSPECTIONS
Ricardo X. Cervantes, Director

CITY OF SAINT PAUL
Christopher B. Coleman, Mayor

375 Jackson Street Suite 220
Saint Paul, MN 55101-1806

Telephone: 651-266-8989

RESIDENTIAL CHECKLIST 2014 NEC
GARAGE

This checklist is a helpful guideline of common code requirements, but does not include all the requirements of the 2014 NEC.

___MN Rule 3801.3770 - All wiring installed in a trench must be inspected before it is concealed, the person responsible for backfilling the trench without an inspection is responsible for all costs associated with uncovering the wiring.

___Article 300.5, NEC – Underground direct burial cable or conduit shall meet the following minimum burial depths to the top of the wiring method.

6" – Rigid metal conduit or intermediate metal conduit
12" - 120V GFCI protected branch circuit rated 20 amps or less (UF cable or conduit).
18" – PVC conduit
24" - Direct Burial Cable (UF, USE)

___Article 300.5(D)(1)&(4), NEC – Underground conductors emerging from grade shall be installed in rigid metal conduit, intermediate metal conduit, or Schedule 80 PVC conduit above grade to the point of termination. Direct burial cables shall be protected by a raceway to at least 18" below grade.

___Article 225.30, NEC – A garage shall only be served by one branch circuit or feeder. A multi-wire branch circuit is considered one circuit.

___Article 225.31 & 32, NEC – A disconnecting means shall be provided for all ungrounded conductors supplying a building. The disconnecting means shall be at a readily accessible location either outside or immediately inside the building served.

___Article 250.32(A), NEC – A garage supplied by a feeder, or branch circuit greater than 20 amps, shall have a grounding electrode system installed at the building in accordance with part 3 of article 250. A concrete encased electrode (new garage), or two ground rods, are common systems to accomplish this.

___Article 210.8(A)(2), NEC – All 125V, single-phase, 15 and 20 amp receptacles installed in a garage shall be GFCI protected. The GFCI protection shall be at a readily accessible location.

___Article 210.52(G), NEC – At least one receptacle outlet shall be installed in a garage with electric power in addition to receptacles required for equipment. The branch circuit supplying the receptacle(s) in the garage shall not supply outlets outside the garage, and at least one receptacle shall be installed for each car space.

___ Article 210.17, NEC – Outlets installed for electrical vehicle charging shall be supplied by a separate branch circuit.

(over)

___Article 406.12 & 406.4(D), NEC – All 125-volt 15 and 20 amp receptacles installed or replaced in a garage shall be listed Tamper-Resistant, unless they meet the exceptions in the articles.

___Article 406.9 & 406.4(D), NEC – Receptacles installed or replaced in a wet location shall be listed Weather-Resistant, and have a listed cover marked "extra duty" that will close when attachment cord cap is inserted.

___Article 210.70(A)(2)(a), NEC – At least one wall switched lighting outlet shall be installed in a garage with electric power.

___Article 210.70(A)(2)(b), NEC – In a garage with electric power, at least one wall switched lighting outlet shall be installed on the exterior side of outdoor entrances at grade level. A vehicle door is not considered an outdoor entrance.

___Article 334.15, NEC – Exposed NM Cable shall closely follow the surface of the building finish, or be physically protected by running boards. It is this department's interpretation that horizontally wired, exposed NM cable below 8 ft. is subject to physical damage.