AXC Standard for Vibration Switch Wiring to Junction Boxes

Harsco will run one pair of red 14 gauge THHN stranded copper wire from each vibrations switch to the junction box. The wire pairs will be ran through ¾" rigid galvanized electrical conduit. The conduit will be ran from the vibration switch to the bottom of the junction box in the most direct route as possible. A flexible seal tight whip will be utilized on the vibration switch. The rigid conduit will be braced every eight feet or less. Each pair of vibration switch wires will be coiled up loose inside the junction box and labeled for each vibration switch.

AXC Standard for Motor Wiring to Junction Boxes

Harsco will run THHN stranded copper wire from each leg of the motor to the junction box. The wire size will be selected per NEC code based on the motor amps. The rigid galvanized electrical conduit size will be selected based off the wire size and number of wires per NEC code. A green ground wire will be ran through the conduit that two gauges smaller than the motor wire but no smaller than 14 gauge. The conduit will be ran from the motor to the bottom of the junction box in the most direct route as possible. The rigid conduit will be braced every eight feet or less. Each wire will utilize color coded tape and once ran to the junction box they will be coiled up loose inside the junction box and labeled for each motor set.