

# FACILITIES STANDARD

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NAME : Conductor Color Code  
NUMBER : 16011

ORIGINAL DATE : 11-01-92  
REVISION DATE : 01-05-98

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**PURPOSE:**

1. The general purpose of each Facilities Standard is to provide minimal criteria for construction materials at University facilities regarding code compliance, warranty, approved products, execution and uniformity.
2. To protect the health and safety of patients, visitors, students, faculty and staff, in addition to protecting non-project UAB property, all construction must be in accordance with: NFPA 241 safeguarding construction, alteration and demolition operations; Standard Building Code, Chapter 33, regarding site work, demolition and construction; NFPA 101 Life Safety Code.
3. Construction safety is the responsibility of the contractor in accordance with the regulations and codes of the agency having jurisdiction, and according to the guidelines adapted by OSHA.
4. The **Conductor Color Code Facilities Standard** establishes a series of guidelines for specifying this particular item on any construction project at the University. ***This Facilities Standard is not to be regarded as a specification.***

**GENERAL:**

1. Lighting and power wiring system conductors shall be color coded at all locations where conduit is broken and at each conductor termination.
2. Conductors #6 and smaller shall be color coded with colored insulation.
3. Conductors #4 and larger where not available in colors, shall be color coded with colored pressure sensitive tape at all termination and in junction and pull boxes.

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CONDUCTOR COLOR CODE

<u>PHASE</u>	<u>120/240 VOLTS</u> <u>DELTA</u>	<u>120/208 VOLTS</u>	<u>277/480 VOLTS</u>	<u>120V</u> <u>UNGROUND</u> (isolated power)
A	BLACK	BLACK	YELLOW	ORANGE
B	ORANGE (High Leg)	RED	ORANGE	BROWN
C	BLUE	BLUE	BROWN	YELLOW
NEUTRAL	WHITE	WHITE	GREY	-----
GROUND	GREEN	GREEN	GREEN	GREEN

4. Control and signaling conductors shall be color coded as directed by system vendor. Wiring tags shall be shown on drawings and matched on individual conductors. Engineers shall specify tagging method.

**PRODUCTS:**

1. 3/4" Wide Self-adhesive Vinyl Plastic Electrical Tape. Acceptable manufacturers are:
- a) 3M Company "Scotch 35"
  - b) Approved equivalent

**EXECUTION:**

1. Minimum two (2) inches of tape shall be applied to each individual conductor in half lapped pattern.

END OF STANDARD

Prepared by: \_\_\_\_\_  
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Revised by:

Reviewed and

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Recommended by: \_\_\_\_\_

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