

# MAGELLAN PROJECT

## WIRE COLOR CODES

SET IN STONE 9/15/95

CHISELED 12/12/95

BLACK..... 3 PHASE AC  
RED..... 1 PHASE AC  
WHITE..... AC NEUTRAL  
GREEN..... GROUND

BLUE..... +DC POWER SUPPLY  
BLUE/WHITE..... DC POWER SUPPLY RETURN  
BLUE/ORANGE..... -DC POWER SUPPLY

ORANGE..... SIGNAL  
ORANGE/WHITE.... SIGNAL RETURN

YELLOW..... LIMITS / INTERLOCKS

# LABELS: TERMINAL BLOCKS ETC. : HELTEN MEDIUM 28

LARGE WIRES ( $\geq$  #8) :

HELTEN CONDENSED LIGHT 16

MEDIUM WIRES (#10 - #14) :

HELTEN CONDENSED LIGHT 12

SMALL WIRES (#16) :

HELTEN CONDENSED LIGHT 10

## WIRE CODES:

The purpose of these labels is to provide the technician with a means of identifying a signal, and the place where the signal is terminated. The following format is flexible in length, but the NAME/LOCATION format should be adhered to at all times: ?????/AA###

?=Letter or Number

/=/

A=Letter

#=Number

First six characters: signal name, typically a pneumonic or acronym. Examples:

WALDC+ = West ALtitude Direct Current +

D115H1= Dirty 115 Hot number 1

D115N15=Dirty 115 Neutral number 15

When a signal changes, such as when it passes through a switch, it's number should be incremented. D115H1 after passing through a relay should be D115H2.

Separated by a slash from the last five characters- the Location name in two parts:

3 character device consisting of a 2 character pneumonic and single digit number. Examples:

TB1= Terminal Block number1

CB2= Circuit Breaker number2

TF9= TransFormer number 9

Last is the terminal location. Two numbers denoting the location on a particular device where the wire is to be terminated. If the device has labels other than numbers, these labels should be used to avoid confusion.

A typical code might look like these:

EAZPS+/TB1202

CH8H/TB2311