SECTION 26 05 53 – ELECTRICAL EQUIPMENT IDENTIFICATION

All electrical equipment shall be identified with engraved plastic labels. Engraving stock shall be melamine plastic laminate punched or drilled for mechanical fasteners 1/16-inch (1.6-mm) minimum thickness for signs up to 20 sq. in. or less than 8" long and 1/8-inch minimum thickness for larger sizes. Labels shall be engraved in black letters on white background. Fasteners for labels shall be self-tapping, stainless-steel screws or No. 10/32 stainless-steel machine screws with nuts and flat and lock washers. Labels may be factory installed as long as they meet these standards

Signs shall include the equipment designation as described below and shall indicate where the equipment is fed from.

All new electrical equipment shall receive a designation consisting of a building code (4 characters) and an equipment code (5 characters).

- Building Code – The building code shall correspond to the standard 4-character building code used for all buildings on campus as entered in 25 Live (the space inventory and room scheduling software that the University uses).
- Equipment Code

  The first three characters indicate equipment type.

AC Motor	ACM
Automatic Transfer Switch	ATS
Automatic Transfer Switch – Life Safety	ATL
Capacitor Bank – Power Factor Correction	CAP
Branch Circuit Panelboard - Normal Power 480 Volt	NHP
Branch Circuit Panelboard - Normal Power 208 Volt	NLP
Branch Circuit Panelboard - Emergency Power 480 Volt	EHP
Branch Circuit Panelboard - Emergency Power 208 Volt	ELP
Distribution Panelboard - Normal Power 480 Volt	NHD
Distribution Panelboard - Normal Power 208 Volt	NLD
Distribution Panelboard - Emergency Power 480 Volt	EHD
Distribution Panelboard - Emergency Power 208 Volt	ELD
Switchboard - Normal Power 480 Volt	NHS
Switchboard - Normal Power 208 Volt	NLS
Switchboard - Emergency Power 480 Volt	EHS
Switchboard - Emergency Power 208 Volt	ELS
Transformer (Dry Type) - Normal Power	NTD
Transformer (Dry Type) - Emergency Power	ETD
Transformer (Liquid Filled) - Normal Power	NTL
Transformer (Liquid Filled)- Emergency Power	ETL
Disconnect Switch or Safety Switch	DSW
Emergency Generator (Regardless of fuel type)`	GEN
Emergency Light (Battery Powered)	EML
Exit Light (Battery Powered)	EXL
Exit/Emergency Light Combination	ECL
Medium Voltage Switchgear	MVS
Motor Control Center – Normal Power	MCN
Motor Control Center – Emergency Power	MCE
Motor Starter	MST
Motor Starter – Combination motor starter and disconnect switch	CMS
Power Distribution Unit	PDU
Uninterruptible Power Supply	UPS
Variable Speed Drive	VSD

Control Panel - Relay	RCP
Control Panel - Dimmer	DCP
Fire Alarm Control Panel	FACP
Fire Alarm – Central Station Smoke Detector (Photoelectric or Ionization) Type)	SDC
Fire Alarm – Single Station Smoke Detector	SDS

The last two characters are the unit number consisting of sequential numbers building, beginning with 00. The next number in the sequence can be obtained from the electrical equipment inventory.

- Example – **CARR-NLP02** is normal power, 120/208 volt branch circuit panel 2 located in Carrington Hall**. CARR-ELP02** is normal power, 120/208 volt branch circuit panel 2 located in Carrington Hall.

END OF SECTION 26 05 53