A diagram of electrical wiring

Description automatically generated

A close-up of a form

Description automatically generated

Table E.1 Device and Component Designations

Designation Device

ABE Alarm or Annunciator Bell

ABU Alarm or Annunciator Buzzer

AH Alarm or Annunciator Horn

AM Ammeter

AT Autotransformer

CAP Capacitor

CB Circuit Breaker

CI Circuit Interrupter

CNC Computerized Numerical Controller

CON Contactor

Cos Cable-Operated (Emergency) Switch

CPU Central Processing Unit

CR Control Relay

CRA Control Relay, Automatic

CRH Control Relay, Manual

CRL Control Relay, Latch

CRM Control Relay, Master

CRT Cathode Ray Tube, Monitor or Video Display Unit

CRU Control Relay, Unlatch

CS Cam Switch

CT Current Transformer

CTR Counter

D Diode

DISC Disconnect Switch

DISP Display

DR Drive

EMO Emergency (Machine) Off Device

END Encoder

ESTOP Emergency Stop

FLD Field

FLS Flow Switch

FS Float Switch

FTS Foot Switch

FU Fuse

GEN Generator

GRD, GND Ground

GUI Graphical User Interface

HM Hour Meter

HTR Heating Element

IC Integrated Circuit

INST Instrument

IOL Instantaneous Overload

I/O Input/Output Device

L Inductor

LED Light Emitting Diode

LS Limit Switch

LT Pilot Light

LVDT Linear Variable Differential Transformer

M Motor Starter

MD Motion Detector

MF Motor Starter – Forward

MG Motor – Generator

MR Motor Starter – Reverse

MTR Motor

OIT Operator Interface Terminal

OL Overload Relay

PB Pushbutton

PBL Pushbutton, Illuminated

PC Personal Computer

PCB Printed Circuit Board

PEC Photoelectric Device

PL Plug

PLC Programmable Logic Controller

POT Potentiometer

PRS Proximity Switch

PS Pressure Switch

PWS Power Supply

Q Transistor

QTM Thermistor

REC Rectifier

RECP Receptacle

RES Resistor

RH Rheostat

S Switch

SCR Silicon Controlled Rectifier

SOL Solenoid

SNSR Sensor

SR Safety Relay

SS Selector Switch

SSL Selector Switch, Illuminated

SSR Solid State Relay

ST Saturable Transformer

SUP Suppressor

SYN Synchro or Resolver

T Transformer

TACH Tachometer Generator

TAS Temperature-Actuated Switch

TB Terminal Block

T/C Thermocouple

TR Timer Relay

TSDR Transducer

TWS Thumbwheel Switch

V Electronic Tube

VAR Varistor

VM Voltmeter

VR Voltage Regulator

VS Vacuum Switch

WLT Work light

WM Wattmeter

X Reactor

ZSS Zero Speed Switch

