

# Powerline Technician Harmonized Level 1

## ACRONYMS AND ABBREVIATIONS

TERM	MEANING
A	ampere
ACA	ammoniacal copper arsenate
E	electromotive force
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
kV	kilovolt
kVA	kilovolt-ampere
LOA	limits of approach
LPT	low profile transformer
OHS	Occupational Health and Safety
OSHA	Occupational Safety and Health Administration
PCB	polychlorinated biphenyl
PILC	paper-insulated lead covered
SDS	safety data sheet
SPR	Safety Practice Regulation
TDGR	Transportation of Dangerous Goods Regulations
VA	volt-amp
WHMIS	Workplace Hazardous Materials Information System
XLPE	cross-linked polyethylene

### NOTE

Do **not** bring this document to your exam.  
These acronyms and abbreviations will be included in the exam reference materials.

**FORMULAS**

$I = \frac{kVA \times 1000}{V}$	$S.T. = \frac{Weight}{No. of points (2)} \times \frac{Sling length}{Height}$
$\frac{Number\ of\ turns\ (N_p)}{Number\ of\ turns\ (N_s)}$	$\frac{Voltage\ (E_p)}{Voltage\ (E_s)}$
$\frac{Current\ (I_s)}{Current\ (I_p)}$	$Mechanical\ advantage = \frac{Output\ force}{Input\ force}$
<i>Weight on the anchor point = Weight of object ± the pull on the fall line</i>	

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