

# Heavy Mechanical Trades (2024)

## Common Core Level 1

### ACRONYMS AND ABBREVIATIONS

TERM	MEANING
A/C	Air conditioning
ABS	Anti-lock braking system
AGM	Absorbent glass mat
CCA	Cold cranking amps
CEMF	Counter-electromotive force
CO <sub>2</sub>	Carbon dioxide
DOT	Department of Transportation
ECM	Electronic control module
FOPS	Falling object protective structure
ISO	International Organization for Standardization
JIC	Joint Industry Council
NO <sub>x</sub>	Nitrogen oxides
OEM	Original equipment manufacturer
PAG	Polyalkylene glycol
PEG	Polyethylene glycol
SMAW	Sheet metal arc welding
SRS	Supplemental restraint system

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

**FORMULAS**

$$Force = Pressure \times Area$$

$$Voltage = Resistance \times Amperage$$

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