

Insulator (Heat and Frost) Harmonized Level 3

ACRONYMS AND ABBREVIATIONS

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

| TERM | MEANING |
|------|-------------------------------|
| ASJ | All-service jacket |
| CLR | Centreline radius |
| ID | Inside diameter |
| OD | Outside diameter |
| PPE | Personal protective equipment |
| PVC | Polyvinyl Chloride |

FORMULAS

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| | | |
|--|--------------------------|--------------------------|
| $\frac{(CLR \pm 1/2 OD) \times 1.57}{\# \text{ of mitres}}$ | | |
| $\frac{\text{Perimeter} \times S.H.}{2}$ | | |
| $\frac{\text{Area of Base} \times H}{3}$ | | |
| SOH $S = \frac{o}{h}$ | CAH $C = \frac{a}{h}$ | TOA $T = \frac{o}{a}$ |
| $a^2 + b^2 = c^2$ | | |
| $A = L \times W$ | | |
| $P = 2(L + W)$ | | |
| $\# \text{ of divisions along heel} = (\# \text{ of pieces} \times 2) - 2$ | | |

| | | | | |
|-----------|------------|--------|----------|-------------|
| πr^2 | $4\pi r^2$ | $d\pi$ | $d\pi h$ | $\pi r^2 h$ |
|-----------|------------|--------|----------|-------------|