

## Instrumentation and Control Technician Level 2

### FORMULAS

$$Q = C_v \times \sqrt{\frac{\Delta P}{SG}}$$

$$\% \text{ ripple} = \frac{V_{\text{ripple(peak)}}}{V_{dc}} = \frac{V_{\text{ripple(peak to peak)}}}{2V_{dc}}$$

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