



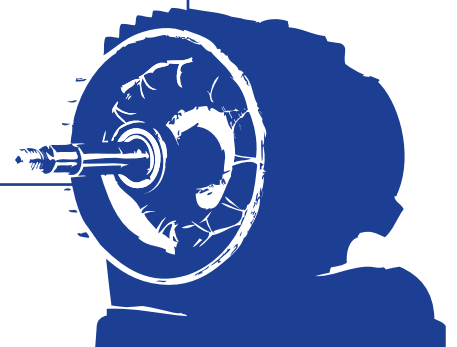
## Variable Speed Drive - V.S.D. Course

### Training Stage 1

1. Why use a variable speed drive.
2. Basic function of a variable speed drive.
3. Basic theory of a frequently converter operation.
4. Control arrangements – Control sites.
5. Control arrangements – Motor sites.
6. How to select a variable frequency drive.
7. V.S.D. menu structure.
8. V.S.D. control principles.

### Training Stage 2

1. Application terminology – Constant Torque / Variable Torque / Constant power.
2. Application terminology – 4 quadrants: Torque curve matches, positive and negative, motor braking & motor torque.
3. Power input terminology.
4. Motor output terminology.
5. Mechanical calculations.



**UNDERSTANDING IS POWER!**