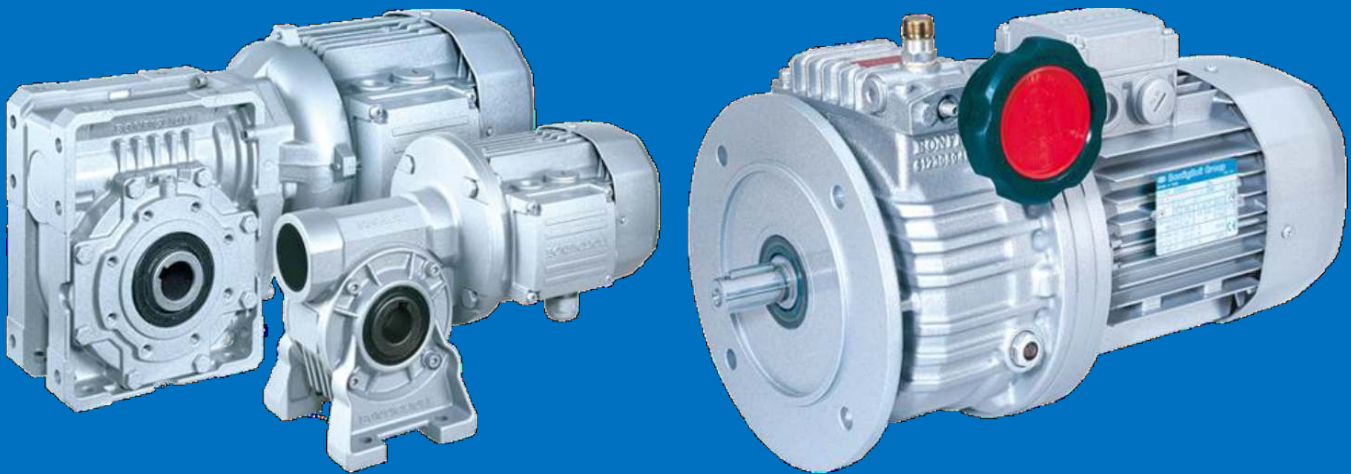


TRANSTECH SOLUTIONS OCCUPATIONAL SAFETY & HEALTH TRAINING & CONSULTANTS LLC.



"Solutions Through Innovations"

Variable Drive Motors 5 Days Training



TSLOSHTC a Training Provider with a Mission

Variable Drive Motors 5 Days Training

Course objectives

Upon completion of all the Sessions in this study course, the participant will be able to:

- Understand the operation, construction and characteristics of AC induction motors.
- Understand the principles of AC variable frequency control
- Identify the differences between variable and constant torque applications
- Understand the principle operation of Variable Frequency Drives for different applications
- Select motors for Variable Frequency Drives.
- Overview different types of motor duties.
- Read & explain the motor NP data and Motor de-rating factors.

Course Outline

- Introduction and outline of course objectives
- Introduction to variable speed drives
- Fundamentals of Motor Technology
- Solid-State Devices & Converters
- High Power Drives, Soft Starters
- Speed Control of AC Motors
- The Selection of AC Convertors for VSD Applications
- The sources of electromagnetic interference (EMI)
- Protection of AC VFD & Motors
- Installation and Commissioning Of AC VSD
- How to Maintain a VFD?

Variable Drive Motors 5 Days Training

Who Should Attend

The course is designed for:

- Electrical Engineers
- Electrical Technicians
- Power System Engineers
- Safety Engineers
- Consulting Engineers
- Project Engineers
- Power System Technicians
- Electrical Contractors
- Tradesman Electricians

Course Methodology

Course manual, Handout, Videos, Group discussion, Group Exercise, Drop Quiz, Written Assessment (As per client standard/Requirements).

Assessment & Certification

All candidates that pass the written assessment shall receive a Certificate for successfully completing the Variable Drive Motors Training.

Variable Drive Motors 5 Days Training

Our Instructor

All our instructor have 30+ years' experience and high degree such as:

- Master's degree,
- Doctoral degree
- Professional degree.

Course Prerequisite

- English Language (Average Fluency)
- Basic Electrical Engineering (Preferable)

Venue

5 Stars Hotel in Abu Dhabi, or Dubai
and Available Online as per your requisite

Duration

5 Days Training

Course Language

- English
- Arabic



Address: Gasos Building, Mussaffah M15, Office No. 13th, 14th 15th

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