



Net Zero
by 2035

Training on

Combined testing of VFD drives with Motors & Transformer & Challenges faced

26th October, 2023 (0930 Hrs to 1630 Hrs)

Program Objectives

Considering the Energy efficiency benefits, Variable Frequency Drive (VFD) Systems are increasingly being used in the industrial and infrastructure sectors. VFD systems find applications involving Pumps, compressors, Fans etc. VFD System design and supply involves multiple sub systems (Converter Transformer, Drive, Motor, Driven Equipment/load) and stakeholders, thus holistic understanding of design, testing can help in smooth execution/supply of VFD System. This programme covers the areas which will help the participants to gain a holistic understanding of the design and testing of VFD System and challenges faced.



Contents

- Applications of Variable Frequency Drives(VFD)
- Design requirements of VFD fed Motors
- Regulation of Harmonics generated by VFD
- Brief about applicable standards for VFDs
- Routine tests on VFDs
- EMC requirements of VFDs
- Standalone testing of Converter transformers
- Standalone testing of Converter duty motors
- Combined testing of Motor with VFD & Converter transformer
- Statutory requirements
- Challenges in Combined testing of VFD system
- Q&A session

Who may attend

The programme is designed for entry-level executives engaged in design/ manufacturing/ testing/Commissioning of VFDs, Motors, Transformers, Compressors, Pumps,Fan and also for those who are interested in this topic.

FACULTY



Mr. Javed Akhtar
Senior Manager
(SCM Inspection)



Mr. Y. ViswaTeja
Manager
(SCM Inspection)



Mr. Harish Kumar
Sr. General Manager
(Electrical)



Mr. Manoj Kumar Meena
Sr. Manager
(Electrical)

Programme fee for the participants is as follows :

PROGRAMME REGISTRATION FEE (ONLINE MODE)	PROGRAMME REGISTRATION FEE (OFFLINE MODE)	PROGRAMME REGISTRATION FEE (RESIDENTIAL MODE)#
For nominations > 5 Nos: INR 9,500 + 18% GST (INR 1,710)= INR 11,210 per delegate	For nominations > 5 Nos: INR 10,500 + 18% GST (INR 1,890)= INR 12,390 per delegate	For nominations > 5 Nos: INR 12,000 + 18% GST (INR 2,160)= INR 14,160 per delegate
For nominations: 3-5 Nos: INR 10,500 + 18% GST (INR 1,890)= INR 12,390 per delegate	For nominations: 3-5 Nos: INR 11,500 + 18% GST (INR 2,070)= INR 13,570 per delegate	For nominations: 3-5 Nos: INR 13,000 + 18% GST (INR 2,340)= INR 15,340/- per delegate
For nominations < 3 Nos: INR 11,500 + 18% GST (INR 2,070)= INR 13,570 per delegate	For nominations < 3 Nos: INR 12,500 + 18% GST (INR 2,250)= INR 14,750 per delegate	For nominations < 3 Nos: INR 14,000 + 18% GST (INR 2,520)= INR 16,520/- per delegate

Payment of Programme should be made by NEFT transfer as per details below :

Name	ENGINEERS INDIA LIMITED (EIL)
Registered Office Address of EIL	Engineers India Bhavan, 1, Bhikaji Cama Place, R.K. Puram, New Delhi - 110066
Office Address	EIL Office Complex, Sector 16 (NH8), Gurugram - 122001, Haryana
PAN Number	AAACE5318C
Name of the Bank & Address	State Bank of India Mehrauli Road, M.G. Road , Gurugram, Haryana-122001
Branch Code	01565
Current Account Number	35776275270
IFSC/RTGS Code	SBIN0001565
MICR Code	110002190

The residential mode will include stay and hospitality at EIL Guest House at Gurugram on first cum first serve basis (subject to availability). The organizations interested in availing residential facility may kindly provide email confirmation atleast 3 days before the commencement of the program.

CORRESPONDENCE

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