



An ISO 9001 - 2008
Organization



INTERNATIONAL STANDARD
ISO/IEC-17025:2005 NABL ACCREDITED FOR NDT
(Dept. of Science and Technology, Government of India)



Accreditation Certificate No: T - 2387

HVAC & MEP TRAINING INSTITUTE



HVAC TRAINING AND CERTIFICATION

SYLLABUS

HVAC SYLLABUS

- 1 INTRODUCTION , SCOPE & USE OF AIR CONDITIONING
- 2 CLASSIFICATION OF AIR CONDITIONING
- 3 VENTILATION
- 4 PSYCHROMETRIC CHART & PROCESS
- 5 SURVEY OF BUILDING
- 6 LOAD CALCULATION - COOLING & HEAT

DUCT DESIGN

- 7 SELECTION OF INDOOR / OUTDOOR UNITS
- 8 AIR TERMINAL SYSTEM
- 9 AIR DISTRIBUTION SYSTEM
- 10 DUCT DESIGN CALCULATION
USING Mc - QUAY + AUTOCAD

PIPE DESIGN

- 11 CHILLED WATER SCHEMATIC SYSTEM
- 12 CHILLERS & VALVES
- 13 CHILLED WATER PUMPS

PROJECT

- 14 ESTIMATION OF REQUIRED MATERIALS
- 15 BILL OF QUANTITY
- 16 DUCT QUANTITY TAKE OFF METHODS
- 17 SPECIFICATION OF HVAC
- 18 COOLING TOWERS & ITS TYPES
- 19 SUPPORT & ACCESSORIES IN HVAC
- 20 STATIC CALCULATION
- 21 TESTING & COMMISSIONING

SOFTWARE

AUTO CADD - 2D (DUCT & PIPE DESINING)
PROJECT

REVIT MEP - 3D (DUCT & PIPE DESINING)
(EXTRA COST)

DURATION

20 - 30 DAYS

COURSE FEES

CHENNAI

No. 5, Boopathy Street, Virugambakkam,
NEAR - NATIONAL INOX MOVIE THEATRE
Virugambakkam Bus Stop and Masque Opposite,
Chennai - 600 092.
Tel: 044-42047244, 044-42077677, 044- 43072173
Mobile : 093810 48884, 093810 77677, 093845 77677
Email Id : twgggroupchennai@gmail.com



093810 77677
073580 27788
093810 48884

BANGALORE

No.54, 15th Main Road, 2nd Floor,
East of Chord Road, Vijayanagar,
Opposite - Vijayanagar Metro Station,
Bangalore-560 040.
Karnataka, India.
Mobile : 073580 27788, 073497 13223, 093825 88890
Email : twgggroupbangalore@gmail.com

COIMBATORE

DHEEPAM COMPLEX
No 574 to 581, 3rd Floor,
100 Feet Road, Near G.P. Signal,
LANDMARK : KALYAN JEWELLERY
Gandhipuram,
Coimbatore - 641 012.
Mobile : 093810 77677, 093810 48884
Email id : twgggroupchennai@gmail.com

TRICHY

SRI GEM PLAZA
No. 3, 4th Floor,
Sankaran Pillai Street,
S.R.C College Road,
Chathiram Bus Stand,
Trichy-620 002.
Mobile : 093845 77677, 093825 88890
Email Id : twgggroupchennai@gmail.com

MUMBAI

"CRESCENT BUSINESS SQUARE "OfficeNo. 810
Kherani Road, Opposite - SJ STUDIOS
Sakinaka Metro Junction,
Andheri (East)
Mumbai - 400 059.
Mobile : 093810 48884, 073580 27788
093810 77677, 076679 78887
Email Id : twgggroupmumbai@gmail.com

KOCHI

"TWG GROUP KOCHI"
Near LULU Shopping Mall,
Edappally Toll Junction ,
Metro Bridge - Pillar No - 387
V.P Marakkar Building,
V.P Marakkar Road,
Via - Vanitha & Vinitha Theaters,
Edappally P.O, Kochi - 682 024.
Mobile : 093810 48884, 093810 77677, 093845 77677
Email Id : twgggroupchennai@gmail.com

VIZAG

No. 8 -12 -1/1, II Floor,
Gayathri Nilay, Gokul Nagar ,
Beside Varun Motors/Karur Vysya Bank Backside,
OLD GAJUWAKA JUNCTION ,
VISHAKAPATINAM - 530 026.
Andhra Pradesh, India.
Mobile : 093810 48884, 076679 78887, 073580 27788
Email Id : twgggroupchennai@gmail.com



PUNE | DELHI | GUJARAT | KOLKATA | MYSORE | TRICHY | VELLORE | COIMBATORE | VIZAG | COCHIN
TRIVANDRUM | CALICUT | HYDERABAD | PONDICHERY | MADURAI | NAGARCOIL | AMARAVATI