



Diesel Generators Ratings, Sizing, Design, Control, Protection and Applications

***The most comprehensive and best
course ever given on diesel generators!!***

4 – 8 Mar 2012 Abu Dhabi – U.A.E.

9 – 13 Jul 2012 Istanbul – Turkey

10 – 14 Sep 2012 Kuala Lumpur – Malaysia

4 – 8 Nov 2012 Muscat - Oman

By:

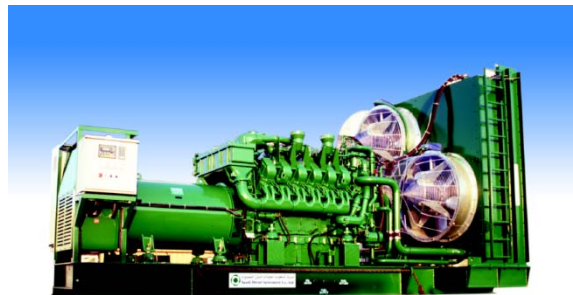
Mohammad R. Abdulqader
MSEE, PMP, MBA
Member INCE, ASHRAE, PMI

For Registration

Tel: +966 50 499 2146

training@najahengineering.com

[Click for Online Registration](#)



Course Contents:

Day 1

- Diesel engines and speed governors
- Engine auxiliary systems
- AC generator and excitation control
- Diesel generator planning and specifications

Day 2

- Diesel generator sizing for site loads
- Skid base design and equipment mounting
- Diesel generator fluids
- Air and exhaust system design and selection
- Sound attenuation and acoustic enclosure design

Day 3

- Compressed air starting system
- Vibration analysis and control
- Batteries and battery chargers
- Control system design
- Auxiliary heaters and environment control

Day 4

- Instrumentation and metering
- Engine electronic management system
- Switchgear, ATS's and distribution
- Diesel generator protection
- Parallel operation concepts and control

Day 5

- Generator testing
- Generator installation considerations
- Operation and maintenance considerations
- International standards in genset business



Course Daily Schedule:

Session 1	: 08:30 – 10:00
Break	: 10:00 – 10:15
Session 2	: 10:15 – 11:45
Break	: 11:45 – 12:00
Session 3	: 12:00 – 13:30
Lunch	: 13:30 – 14:30
Session 4	: 14:30 – 16:00

Who should attend this course?

This comprehensive course is prepared for: Application Engineers, Sales engineers, Design engineers, consultants, Production engineers, Service engineers, Project engineers, Contractors and Installation teams.

About the course instructor

This course will be delivered by Mr. Mohammad R. Abdulqader. He is a well know consultant in diesel generators power generation design and applications. Mohammad got his BSc in electrical engineering from KSU, MSc in electrical engineering from KFUMP and MBA from CSU. He is a PMP certified (project management professional) and has almost 25 years of experience in the design and operation of power generation plants, control system, LV/MV switchgear design and configuration, power system protection and power system modeling. Mohammad is the author of "Diesel Generator Auxiliary Systems and Instruments" book published in 2006. He has done lot of product development in power generation and control. He has number of achievement in developing diesel generator sizing tools and project management information system (PMIS). Currently he is the Director of Engineering & Manufacturing in of Saudi Diesel Equipment Company in Saudi Arabia. Mohammad Abdulqader has done many training courses in house and onsite for some major companies and government departments in the Middle East and overseas.



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Registration Form

Deadline for Registration is 2 Weeks before the first day of the course.

Please complete one form for each participant and fax/email to: **+966 3 859 3324**

Email to: training@najahengineering.com

Note: Please use capital block letters

Name: _____

Position: _____

Select Course Location:

Abu Dhabi Istanbul Kuala Lumpur Muscat

Email: _____

Company: _____

Department: _____

Address: _____

City: _____

State: _____

Postcode: _____

Country: _____

Tel: _____

Fax: _____

Authorizing Person: _____

Authorizing Person Email: _____

Company size: 1-50 51-100 101-500 500+

Fee Payment:

Course Fees: \$ 3250

Payments shall be made as follows:

Transfer to account # 0118-269412-3-510 (USD)
Arab Bank PLC
Shmeisani Branch, Amman – Jordan
Beneficiary: Najah Engineering Consultants L.L.C
PO Box 460382, Amman-11946, Jordan

If you have any question please send an email to:

training@najahengineering.com

Confirmation details:

After receiving payment a receipt will be issued and sent to you. If you do not receive the message outlining course venue and your registration and payment details two weeks before the course date then please contact training coordinator at NEC.

Email: training@najahengineering.com

Cancelation and Refund Policy:

Instruction fee is refundable if we receive written notification (via mail or e-mail) of cancellation at least seven business days prior to the class less 10% administration charges. The 10% is always chargeable for paid or unpaid fees. Cancellations made less than seven business days prior to class will not be refunded and full payment will be due, in this case you can attend the next training course or send a substitute. If a training course cannot take place as scheduled due to circumstances beyond NEC control, we will issue a full refund for the amount that you have already paid.



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