



# 3 Days High Voltage Switch Gears and Protection Relays

Course Code: GN03HV

+65 96199594 / +91 9619365369

[info@shivamtraining.com](mailto:info@shivamtraining.com)

Leaders in Ex Equipment Training for Hazardous Areas

Course Duration	Trainings Hours	Theory Content	Practical Content
3 days	24 Hours	90%	10%

## Target Audience:

Designed for Electrical & Instrument personnel involved in handling power distribution systems and switchgear panels, either onshore /offshore or onboard vessels.

## Course Objective:

The course provides training in the Operational Procedures for HV switchgears & understanding in their respective Protection Relay used in distribution panels, synchronisation of the systems including the permit to work and safe isolation procedures.

## Course Content:

### Theory Induction:

- Module 1 – Introduction
- Module 2 – M.V Switchgears Operation & Maintenance
- Module 3 – Grounding, Earthing System & High Voltage Cables
- Module 4 – Switching Programme
- Module 5 – Inspection & Maintenance of HV Switchgears
- Module 6 – Protection Relays
- Module 7 – Measurement Instruments for MV System

## Certification:

CERTIFICATE OF PARTICIPATION shall be issued by our Trainer and International Assessor from Shivam Training Centre upon completing the course.

## Assessments and Criteria:

- Theory Assessment
- Practical Assessment

## Delivery:

Teaching aids, class room theory, slides, videos, cables & glands, demonstration and Simulation/Competence based practical assessment.

## Venue: Singapore Training Centre

Please contact us for details.  
[www.shivamtraining.com](http://www.shivamtraining.com)

## Minimum Participants per class:

3

## Training Hours:

8:30am – 5:30pm

## Course Dates and Fees:

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## Special Requirement:

Candidates are to bring their own PPE and qualification certificates for the course.