

Emergency Response to Gas Distribution Network

Course Code: GNO06

OBJECTIVES

Upon completion of this course, participants will be able to:

- Learn how to handle emergency response to distribution gas network failure or supply interruption affecting large areas
- Know how to contain the major network faults by isolating part of the network system while maintaining supply integrity to other parts of the gas network

MAIN CONTENTS

- Introducing Singapore gas pressure regime
- The origins of gas pressure
- Explain the control of gas pressure
- List down the duty and responsibility of stand-by officer when there is a distribution network fault.
- The quality needed for the emergency response officer
- Conduct group discussion by using poor pressure at Yishun Newtown as an example to illustrate how to make use of the GEMS on problem solving
- Introducing the Permit-To-Work system when planned valve operation is requested and the Safe Work Procedures prepared together with LVOS
- Introduce 'LVOS' system
- Summary on GEMS & LVOS and ways to enhance the system.
- Take notes on Emergency Response to Network Operation & Faults Rectification
- Case Study on Nicoll Highway Collapse
- Group discussion on Distribution Network Incidents and conduct tabletop exercises for all participant to take part and present on their lesson learnt

METHODOLOGY

Lecture

TARGET AUDIENCE

Engineering & technical staff who are required to attend to gas escape incidents

COURSE DETAILS

Course Duration / Time	2 days [14 hours] / 8:30am – 5:30pm	
Assessment	Yes	
Certification	SIPG Certificate of Completion ¹	
PDU by PE Board ²	-	
Course Fee before Funding	\$420 w/o GST	\$449.40 with GST
Course Fee after Funding ³	Not applicable	-

CLICK TO REGISTER



¹ Participants must attain at least 75% attendance rate and pass the assessment.

² Applicable to Professional Engineers registered in Professional Engineers Board (PEB) only.

³ Funding grant is available for Singapore Citizens and Permanent Residents only.