

Level 4 Competency Assurance Qualification In Compressed Natural Gas Quality Assurance Inspector (CNGQAI)

The Compressed Natural Gas Quality Assurance Inspector (CNGQAI) Programme provides comprehensive in the theory and practice of conversion of automobiles to dual fuel use to the level of quality assurance inspection.

Entry Requirements

Candidates for this Programme must meet the following pre-requisites:

- An advanced certificate in automobile mechanics with at least five (5) years' experience in engine tuning, maintenance, overhaul and repairs
- At least ten (10) years as a practicing auto mechanic with demonstrated capability in engine tuning, maintenance, overhaul and repairs
- The KSPT Certificate in CNG Auto Technician together with five (5) years demonstrated experience in engine tuning, fuel systems, maintenance, overhaul and repairs.



The instructional techniques include: video presentations and case studies, review exercises, field trips, instructor and student-led group discussions, lectures, question and answer sessions, worksheet exercises and simulated production/operation activities.



CNGQAI programme focuses on developing the student to full technical capability in the understanding, practice and operation of CNG systems in automobiles. The objective is to have the inspector capable of providing quality control

Course Content

The course consists of seven(7) modules as follows:

- Module 1: Overview of CNG Conversion Course**
- Module 2: CNG Safety: Classroom & Industry**
- Module 3: Quality Assurance.**
- Module 4: Theory & Practice of CNG Conversion**
- Module 5: Components of CNG Engine Conversions – Gas Engines**
- Module 6: Components of CNG Engine Conversions – Diesel Engines**
- Module 7: Installation of CNG Conversion Systems**

Knowledge is Energy!

