



THE REPUBLIC OF UGANDA

MINISTRY OF ENERGY AND MINERAL DEVELOPMENT

**OPERATIONAL GUIDELINES FOR THE FUEL MARKING  
AND QUALITY MONITORING PROGRAM**

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## **1.0 INTRODUCTION**

### **1.1 Background**

The Government of Uganda through Power IV Project obtained technical assistance from World Bank and procured petroleum laboratory testing equipment to monitor the quality of petroleum products. The equipment is composed of a stationary and mobile laboratory.

The wider program encompasses Fuel Marking and quality monitoring operations.

### **1.2 Operational arrangements**

The Ministry of Energy and Mineral Development (MEMD) is mandated by the Petroleum Supply Act 2003, Petroleum (Fuel Marking and Quality Control) Regulations 2009 and Petroleum (Fuel Marking and Quality Control) (Amendment) Regulations 2012, 2016 and 2018 as the lead agency responsible for co-ordination and supervision of all activities related to petroleum quality monitoring, while Uganda National Bureau of Standards (UNBS) is the principal agency in Uganda responsible for the development and promotion of standardization and quality as well as co-ordination in the formulation of standards.

Based on inter-linked mandates, the two institutions have agreed to co-operate in the areas of Fuel Marking and Quality Monitoring Operations.

### **1.3 Objectives of the Program:**

- 1 Monitoring the quality of imports like Petrol, Diesel, Kerosene, fuel oil and other petroleum products (Bio-Diesel, LPG)
- 2 Fuel marking of petroleum products to prevent adulteration, contamination and smuggling of fuel products
- 3 Capacity building in areas of petroleum standards and quality monitoring.
- 4 Sensitisation of the general public, Government and petroleum industry on matters regarding fuel quality.
- 5 Provide information to the National Petroleum Information System (NPIS). Data collected from the laboratory and inspection shall be captured into the system.

## **1.0 OPERATIONS**

The operations to be carried out under this Program include those associated with monitoring the quality of fuel at entry points and levels of the fuel marker within the country. The operations thus cover the following;

- Inspection at the border entry points.
- Central Laboratory Testing. This includes carrying out comprehensive analysis of fuel samples from the border entre points and field monitoring.
- Field Monitoring

Fuel quality and marker level monitoring shall be carried out at three (3) levels, that is;

- Surveillance checks at the retail outlets and at depots at the time of sample collection.
- Spot checks with the help of a mobile laboratory equipment.
- Tests carried out on samples from field monitoring activities.