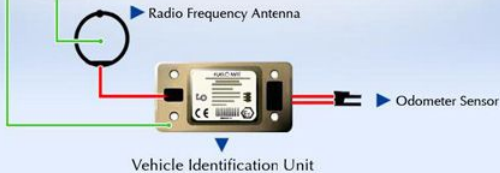
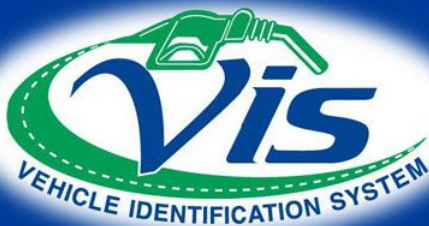


Yet another first by **PSO**

Vehicle-Specific Fueling System



Pakistan State Oil

Introduction

Managing fuel expenditure in any organization proves to be a difficult and time-consuming task. In order to meet this need of Corporate entities PSO introduced the fuel-based plastic card concept in the country with the launch of PSO Fleet & Corporate Cards in January 2003.

Our range of fuel card solutions can help simplify this process, granting organizations more control over spending on automotive fuel and providing drivers with a convenient method of payment.

Fleet Cards

Our fuel management system is specifically designed for the Fleet Manager. Our Fleet card is a unique information gathering tool that helps Fleet Managers coordinate and analyze their fleet's fuel needs, resources, and costs more effectively. Fleet Card, which is a vehicle-specific card and bears the vehicle registration number with the benefit to manage fuel expenses at vehicle level.

After being used by more than 4,500 customers since 2003 we are introducing another state-of-the-art solution for their corporate fleets.

VIS

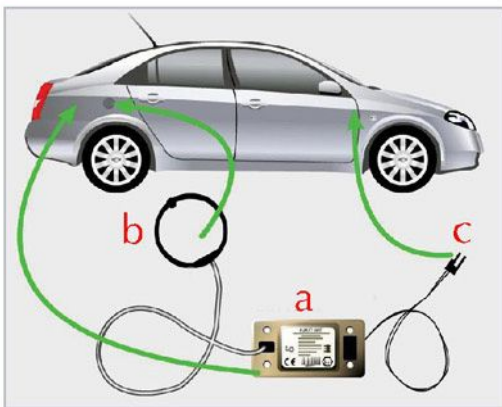
VIS, Vehicle Identification System, is a solution for the Fleet cardholders and provides further control to Fleet Managers whereby reducing the fuel and administrative expenses. The system identifies not only the type of fuel to be filled but also restricts the delivery to the unauthorized vehicles.

Features

The system automatically identifies and recognizes the vehicle in which the fuel needs to be dispensed. This system would eliminate the risk of misuse and malpractice involved in fuel transactions.

A kit would be installed in the vehicle, comprising of the following components:

- a) Vehicle Identification Unit (VIU)
- b) RFID Antenna installed at fuel tank inlet
- c) Odometer coil



The fleet manager would have the option of total/partial conversion of the fleet to VIS. All 'VIS' enabled vehicles would have a dedicated fuel-dispensing unit at PSO forecourts.

Procedure

- Upon insertion of the fuel nozzle into the vehicle's fuel inlet, the vehicle's coil (installed around fuel



inlet) and the nozzle's coil are close enough to allow the sensors to communicate with the station controller.

- The controller will check if this vehicle is authorized to refuel and in addition, the system will ascertain that the correct fuel type has been selected and the card has sufficient limit to withdraw the fuel.



- Upon approval, the controller will allow fuel to be dispensed
- At the end of the process, the station controller will register the fuel amount, time, date, vehicle number, fleet number, account number, ROC.



- If nozzle is removed from vehicle fuel inlet, the fuel flow will stop
- Fuel charging is done automatically to the account number registered on the card

Benefits of VIS

- Fueling of authorized fleet vehicles only.
- Prevention of fuel misuse.
- Efficient use of time and manpower in fleet management and accurate accounting.
- Pre-authorization of transaction to avoid any inconvenience by the cardholder at the forecourt.
- Reporting on vehicle usage and consumption.
- Offer new services to fleets such as auto-odometer reading.

Initially this facility would be available at 152 outlets across the country. The list of existing 152 stations is enclosed for your convenience. We plan to expand this network based on the customer requirement.

For further info: log onto www.psopk.com

or call **0800-03000**



Pakistan State Oil

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