



LEGAL FRAMEWORK: LAWS

Law No. 271, INE Law Reform, published in the official daily La Gaceta No. 63 of 1 April 1998.

Draft, approve and enforce rules, agreements, resolutions and other administrative and technical provisions as may be necessary for sound performance of all activities in the hydrocarbon subsector.

Prevent and take all measures as may be necessary to preclude restrictive competitive practices in the provision of services and products in the hydrocarbon subsector.



Law No. 277, Hydrocarbon Supply Law, published in the official daily La Gaceta No. 25 of 6

The purpose of this law is to establish a legal regime for all activities, participants and facilities that form part of the country's hydrocarbon supply chain.



LEGAL FRAMEWORK: LAWS

1998.

competition, any natural or legal person, market hydrocarbons or provide any related services upon obtaining the respective license and/or authorization.



LEGAL FRAMEWORK: LAWS

for petroleum facilities, and limited INE's function



LEGAL FRAMEWORK: DECREES

- Decree No. 38-98, Hydrocarbon Supply Law Regulation (Law No. 277), published in the official daily La Gaceta No. 97 of 27 May 1998.
- Decree No. 56-94, Hydrocarbon Importation and Marketing Regulation, published in the official daily La Gaceta No. 63 of 22 December 1994.
- Decree No. 62-2006, reforming Decree 56-94, Hydrocarbon Importation and Marketing Regulation, published in the official daily La Gaceta No. 63 of 22 December 1994.



LEGAL FRAMEWORK: RESOLUTIONS

- INE Ministerial Resolution No. 09-96, dated July 1, 1996, establishes standard dispatch volumes and penalties for service stations on account of defective
- September 6, 1996, reforms the previous ministerial
- 1997, establishes technical regulations for finished petroleum derivatives that are imported, refined,





REGULATION

- Nicaragua's hydrocarbon market was opened by Executive Decree No. 56-94 of April 1, 1995, Hydrocarbon Importation and Marketing Regulation, and reformed by Executive Decree No. No. 62-2006.
- In view of the foregoing, the only price regulated is the price of Petroleum Liquefied Gas cylinders of 4.53Kg (10 Lbs.), 11.34Kg (25 Lbs.) and 45.36Kg (100 Lbs.). This activity started in September 2007 pursuant to Ministerial Resolutions 34-DGH-01-2007 and 35-DGH-02-2007.

NATIONAL INFRASTRUCTURE 43-year old refinery with a nominal installed capacity 20,000 barrels per day (bbd) of crude and 80°

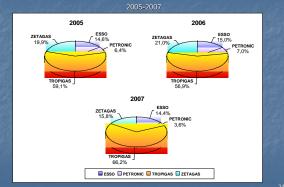
- Chevron (49 E/S),
- Distribuidora Nacional de Petróleo (66 E/S),
- Exxon (47 E/S),
- Shell (70 E/S),)
- Bandera blanca (40 E/S)

Total: 272 E/S

DISTRIBUTION OF DOMESTIC PETROLEUM DERIVATIVES MARKET



DISTRIBUTION OF DOMESTIC PETROLEUM LIQUEFIED GAS MARKET 2005-2007





HUMAN RESOURCES

- The Hydrocarbon General Directorate has assigned a total of 7 inspectors to regulating activities related to petroleum liquefied gas supply and service stations.
- Three inspectors assigned to regulating activities related to hydrocarbon storage facilities.
- Fuel prices monitored by an inspector.

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WEAKNESSES

- 1. National inspection coverage ratio is not optimal.
- Inadequate process to continuously update and strengthen staff knowledge in this area due to lack of resources
- Lack of laboratory to oversee fuel quality marketed in the country.
- 4. High safety risk in petroleum liquefied gas supply due to low storage capacity in the country

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CHALLENGES

- Safety of petroleum liquefied gas supply
- Investment to increase national storage capacity
- Guarantee quality, price, weight and volume of products purchased by consumers.
- Laboratory to analyze quality of hydrocarbons imported or marketed in the country.
- Update regulations to adapt service stations to location and sales volume.
- All service stations must be adapted to Regulation NTON 14 002 03 by 2011.

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ENVIRONMENTAL CONTROL DIRECTORATE

The necessity of environmental control on emerging projects in the sector due to worldwide public awareness of the impact caused by electricity generation, transmission and distribution companies and other players in the hydrocarbon supply chain and the pressure exerted by international financing institutions.

Institutional Organizational
Chart

Energy Policy Council
Environmental
Control Directorate

Hydrocarbon General
Directorate

Electricity General
Directorate

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Legal Framework

Subparagraph q): "Oversee compliance of environmental protection regulation by license and concession holders. (electricity subsector)"



Legal Framework

Subparagraph f): "Supervise and control compliance with technical quality specifications, environmental protection and industrial safety



Environmental Crime Law (Law 559):

persons upon confirmation thereof.



Environment and Natural Resources Law (Law 217)

Resources Law is to establish standards for the



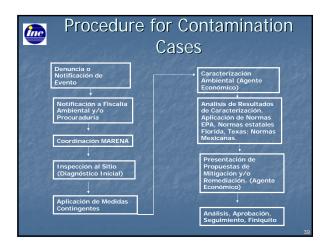
- Decree No. 68-2001 creating the **Environmental Management Units** (EMUs)
 - Purpose: Create and organize Environmental Management Units in the government entities

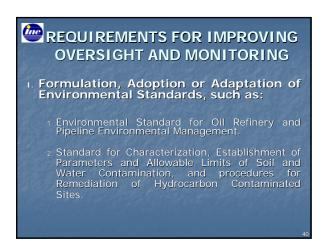


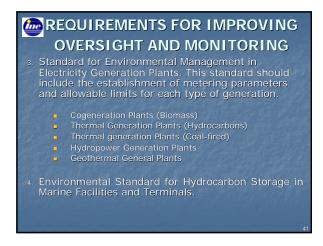
- Obligations: Oversee compliance of standards, regulations and other environmental practices in the programs, projects and activities of the institution and monitor implementation of environmental policy in its respective sphere of competence. Obligations:
- INE's Environmental Control Directorate is a Sector Environmental Management Unit; understood as the units created in the government entities whose mandate contains attributions and functions for regulating the



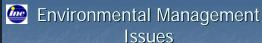












- Non-existence of environmental insurance and/or Financial Fund or Budget to guarantee site remediation and implementation of measures to mitigate and eliminate environmental losses.
- Limited Technical Knowledge in the following areas:

Technological enhancement/reconversion of electric power generation equipment, with the objective of improving fuel consumption efficiency, reducing gas emissions, reducing water-based processes, reducing the use of chemicals, managing hazardous waste, among others.



Updating technical levels through training in the following areas:

- Management of process water discharges and elimination of hazardous waste.
- Industrial safety and hygiene
- Handling of metering equipment
- Pollution dispersion models

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Updating technical levels through training in the following areas:

- Methods of remediation of contamination by hydrocarbons and heavy metals.
- Methodologies for analyzing man-made and natural hazards.
- Renewable and Coal-Fired Electricity Generation Processes and their Environmental Impact.
- Technological Reconversion Processes for Reducing Emissions and Participating in Carbon Market.

Thank you

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