

ENVIRONMENTAL COMPLIANCE INITIATIVES OF THE COMPANY



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What is Environmental Compliance ?

- risk of not being in compliance is violations, penalties, monetary fines, and other negative things
- not being in compliance is not good
- "conformity in fulfilling official requirements"
- conformity means getting it right and meeting the requirements



What is Environmental Compliance?

- rules and regulations mandated and enforced by city, county, state, or federal environmental agencies.
- depends on various things such as location and size of your operation
- figure out which rules and regulations apply to you



What is Environmental Compliance?

- Stormwater permits
- Air permits
- An SPCC plan if you store petroleum on site
- Community-Right-to-Know Reporting
- Toxic Release Inventory Reporting
- Storage Tanks Registration
- Hazardous Waste Generator Status Registration



Importance of being environmentally compliant

- essential to protecting profits and limiting your company's exposure to litigation and penalties
- regulations are always changing, particularly when it comes to environmental health and safety
- conforming with disposal regulations, meeting requirements to obtain or keep a permit, or providing training to employees



Importance of being environmentally compliant

- keeping track of programs and schedules to ensure that steps required by permits have been completed within the parameters
- processing, evaluating, and validating data for compliance
- generating compliance reports for internal use



Permitting

- keeping permits from the state environmental authorities
- common permits needed for compliance include: Clean Air Act Permits, Endangered Species permits, Wetlands permits, RCRA permits
- regulations concerning the environment vary from industry to industry - third party consultants to monitor compliance (Conduct studies, Review operations, Provide suggestions)

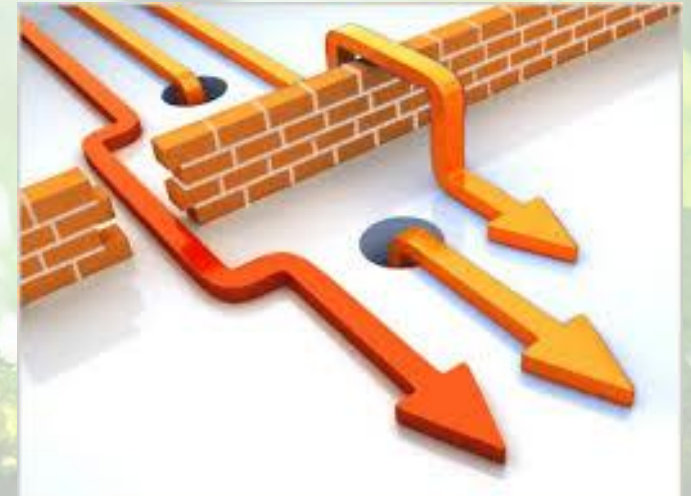


Major Environmental Laws and Regulations

- Basic Environment Act
- Act on Promotion of Global Warming Countermeasures
- Act on the Rational Use of Energy (Energy Conservation Act)
- Air Pollution Control Act
- Noise Regulation Act
- Vibration Regulation Act
- Soil Contamination Countermeasures Act
- Waste Management and Public Cleaning Act
- Act on the Promotion of Effective Utilization of Resources
- Act on the Promotion of Sorted Collection and Recycling of Containers and Packaging (Containers/Packaging Recycling Act)
- Construction Waste Recycling Act
- Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof
- Basic Law for Establishing the Recycling-based Society
- Industrial Safety and Health Act
- Act on Special Measures concerning the Proper Treatment of Polychlorinated Biphenyl Waste, etc.

Obstacles in way of effective compliance assurance

- lack of know-how in how to optimise limited resources
- insufficient arrangements for coordinating different authorities
- limited use of modern technologies
- lack of systematic data collection and effectiveness evaluation
- lack of transparency and public confidence



Environmental Compliance Assurance

- enforcement
- compliance promotion
- inspections and checks
- improve efficiency of resource use
- spread existing successful practices and develop tools to support practitioners on the ground
- improve transparency and public confidence



How to be environmentally compliant?

- 1.) make sure they know exactly what they are supposed or allowed to do
- 2.) make sure they don't break rules, lie or falsify anything

Problem?

- identify problem - solution is always cheaper than getting caught
- official environment requirements need to be fulfilled
- if professional help is needed, there is a possibility to hire an environmental expert who will help



Environmental compliance today and tomorrow

- new regulations are introduced at increasingly faster rates
- environmental compliance becomes a pre-condition for doing business
- requirements will reach new scope
- environmental demands are more important than material requirements



Environmental regulations in the Slovak Republic

The Ministry of the Environment of the Slovak Republic = supreme administrative and inspection authority in environmental affairs

- *protection of water resources and the quality of groundwater and surface water*
- *nature protection*
- *waste management*
- *air protection*



MINISTRY
OF ENVIRONMENT
OF THE SLOVAK REPUBLIC



Slovnaft


- refinery in Bratislava with annual processing capacity of 5,5-6 million ton
- they keep improving technology, reduce energy consumption and try to minimise environmental impact





Slovnaft

AIR PROTECTION	GREENHOUSE GAS EMISSIONS	WATER PROTECTION	WASTE
<ul style="list-style-type: none">- reduces emissions volumes by investing in technology- flue gas desulphurisation at heating plants => reduce SO2 emission by 80%- furnace burners replaced by low-emission burners- outdated hydrocarbon gas liquefying equipment replaced by more effective new unit	<ul style="list-style-type: none">- increase in energy efficiency and cost saving measures- achieves improvements in specific CO2 intensity per production unit (CO2/CWT) in the refinery from one year to the next	<ul style="list-style-type: none">- reduces its water consumption and strive to ensure its effective use at the same time- operates 3 industrial waste water purification plants where cooling water and chemical waste water are cleaned	<ul style="list-style-type: none">- minimizes waste production and continuously enhances recovery- recycling rate of catalysts = 99%- each year collection of several tons of paper, cardboard packaging, glass and plastic (PET) waste -> further recovered



**“If you think
the economy is more
important than the
environment,
try holding your breath
while you count
your money.”**

Green 
organicmechanic



MIKULÁŠ

/ST. NICHOLAS DAY/ December, 6th

- typical tradition in Slovakia
- custom of ancient origin
- sweets given especially to children
- St. Nicholas accompanied by angel and devil



SOURCES

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- <https://slovnaft.sk/en/about-us/sustainable-development-and-hse/environmental-protection>
- <https://www.rmagreen.com/rma-blog/what-is-environmental-compliance>

**THANK YOU
FOR YOUR ATTENTION**

