

example, for third level – <h3> and </h3>. The title of level 1 is the largest, and level 6 – the smallest by default. To align the text (in a paragraph or heading) on the page we use the attribute align, having a value of: align = center (center alignment).

#### Список литературы

1. Эд Титтел, Джефф Ноубл. HTML, XHTML и CSS для чайников, 7-е издание = HTML, XHTML & CSS For Dummies, 7th Edition. – М.: «Диалектика», 2011. – 400 с.

#### КАТАЛИТИЧЕСКИЙ РЕФОРМИНГ

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Catalytic reforming is a chemical process, its purpose is to convert low octane naphtha cuts into high-octane gasoline and to produce aromatic hydrocarbons required as raw materials for the chemical industry [1].

The dehydrogenation also produces significant amounts of byproduct hydrogen gas, which is fed into other refinery processes such as hydro cracking. A side reaction is hydrogenolysis, which produces light hydrocarbons of lower value, such as methane, ethane, propane and butanes.

If the process is conducted so as to produce aromatic hydrocarbons, the products will contain higher percentage of benzene, toluene, xylene and ethylbenzene which have diverse uses, most importantly as raw materials for conversion into plastics. However, the benzene content of reformat makes it carcinogenic, which has led to governmental regulations requiring further processing to reduce its benzene content.

The liquid feed is pumped back into the stripper top. The resulting liquid gas mixture is preheated by flowing through a heat exchanger. The preheated feed mixture is then totally vaporized and heated to the reaction temperature (495–520°C) before the vaporized reactants enter the first reactor.

Benzene is often removed with a specific operation to reduce the content of benzene in the reformat as the finished gasoline has often an upper limit of benzene content. The benzene extracted can be marketed as feedstock for the chemical industry [2].

#### Список литературы

1. Глушакова Ю.С., Латина С.В. Методы расчёта железобетонных конструкций / Ю.С. Глушакова, С.В. Латина // Современные наукоемкие технологии. – 2013. – № 7–1. – С. 59.  
2. Catalytic reforming. – [Электронный ресурс]. – Ресурс доступа: [https://en.m.wikipedia.org/wiki/Catalytic\\_reforming](https://en.m.wikipedia.org/wiki/Catalytic_reforming) (дата обращения: 05.12.2015).

#### УГОЛОВНАЯ ОТВЕТСТВЕННОСТЬ ЗА ГОМОСЕКСУАЛИЗМ В РСФСР

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The criminal liability for homosexuality was introduced into the legislation of the RSFSR (RSFSR Criminal Code in 1926) March 7, 1934 and valid until June 3, 1993. In the Soviet criminal law, homosexuality is a crime against the person and is punishable by imprisonment for up to five years, and aggravated (for example, committing sodomy with minors) – for up to 8 years.

In the post-revolutionary law reform persecution of homosexual behavior, present in the Criminal Law of tsarist Russia, it was canceled: the RSFSR Criminal Code in 1922 there was no corresponding article in the 1920 article on responsibility for sodomy removed from the Criminal Code of the Caucasian and Central Asian republics. In 1926, at the invitation of the Soviet government of the

USSR visited Magnus Hirschfeld, gay emancipator and founder of the World League of Sexual Reform – and as a result, in 1928 at the Copenhagen Congress of the Institut für Sexualwissenschaft, which was announced on the basis of the League, the Soviet Union was cited as a model sexual tolerance. As the latest archival research, the initiator of the introduction of criminal prosecution for sodomy was OGPU. In September 1933, it carried out its first raid on persons suspected of sodomy, which resulted in the arrest of 130 people suspected of homosexual relationships. In a memorandum the Deputy Chairman of the OGPU Genrikh Yagoda to Stalin reported on the disclosure of several groups in Moscow and Leningrad, who were engaged in «the creation of a network of salons, homes, brothels, groups and other organized groups of gays to the further transformation of the unions into direct spy cell ... active homosexuals, using caste isolation pederastic laps in directly counterrevolutionary purposes, politically decomposed different social strata of youth, in particular young workers and tried to get into the army and navy. On paper, Joseph Stalin marked: «We must punish the scoundrels, and enter the relevant governing law decree».

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#### СПЕЦИАЛЬНЫЕ ЭЛЕКТРОМЕХАНИЧЕСКИЕ СИСТЕМЫ

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As an area of professional activity « Special electromechanical systems » includes the variety of scientific spheres, technologies, complex of technical devices, methods and techniques, that realized during the testing and exploitation of products, mechanisms and electromechanical systems, maintenance of the devices to keep them functional.

This speciality is responsible for tech support of aerospace programs, defense industry, power industry, oil production, chemical industry, wind and hydropower. Power-producing units provide us energy all the time, their components become more complex for last decades, and amount of stations is increasing every year. Hundreds of engineers required to service the station and modernize it. Defense and aerospace industries also demand reliable and inventive professionals to create new types of vehicles, find effective sources of energy and provide the protection of homeland. There are hundreds of variations where you can find your best sphere, and the amount of working places is always growing, as technical progress develops all the time and appears everywhere the human-kind exist.

At the moment, speciality is investigating such perspective directions as new types of electric heating devices, decentralized energy systems with non-conventional electromechanical energy converters, improvement of energy converters for domestic and industrial purposes, calculation and analysis of electromagnetic and temperature fields in electromechanical energy converters.

Special electromechanical systems provides great knowledge in the principles of mechanisms and possibilities to express your skills in such difficult and remarkable activity. You can always find new goals to achieve and move science forward to new discoveries.

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1. Першина Е.Ю. Интенсификация профессиональной коммуникации на занятиях иностранному языку в техническом вузе / Е.Ю. Першина // Общество: социология, психология, педагогика. – 2012. – №2. – С. 119–123.