

НЕФТЕГАЗ



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ОАО "ГАЗПРОМ"

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**ABB Zamech Gazpetro:
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Интервью с генеральным директором ABB Zamech Gazpetro
Генриком Вронковским

Neftegaz
February 2000

PSC «TAIF»: «Upgrading the Refinery in Nizhnekamsk»

The upgrading projects in the petrochemical sector are gathering pace that is proved by the examples of some Russian companies. As for Tatarstan, the upgrading of the Refinery in Nizhnekamsk is being realized by PSC «TAIF».



That was PSC «TAIF» that generated the idea of modernization of the Refinery complex in Nizhnekamsk: the realization of this long-term project allows Tatarstan to abandon the purchases of motor fuel from abroad while the republican petrochemical sector will be supplied with feedstock.

Cost of the first stage of the reconstruction will amount to 286 mln; the stage to be completed in 2001 already. This program presupposes the construction of the minimum number of facili-

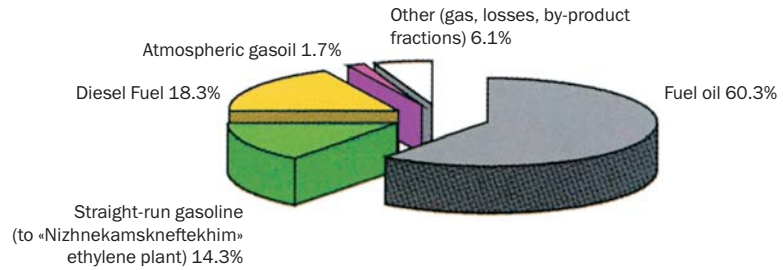
ties being relatively cheap, easy in construction, technologically up-to-date. These facilities will secure the production and realization on annual basis of about 580 th tons of auto-petrols, 610 th tons of jet fuels, 1,481 th tons of diesel fuels, 400 th tons of road bitumen, including the modified bitumen, 1,800 th tons of heating oil, 700 th tons of vacuum gasoil for export. The depth of refinery for light oil products is estimated as 68.6%, for bitumen – 74.3%. Such giants of this industry sector

as «Tatneft», «Nizhnekamskneftekhim», and «TAIF» join their forces for the realization of the first stage of this project. This taking into account that «TAIF» took on a role of an organizer of this process. The new model of it developed by «TAIF» has already found its best application.

The further development of the plant till 2004 presupposes the commissioning of the units of the first stage (vacuum unit, viscosity breaking, road bitumen, kerosene and diesel fuel hydrotreating units),

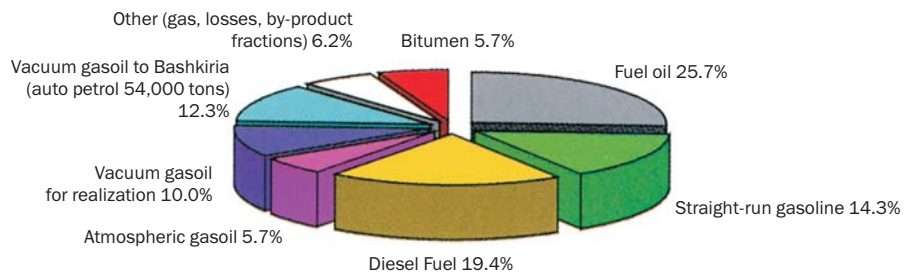


Nizhnekamsk Refinery today



ELOU-AVT-7 capacity – 7 mln tons per year
Depth of crude oil processing

1st sub-stage of construction of the first line of Nizhnekamsk refinery without Middle distillates hydrotreating complex

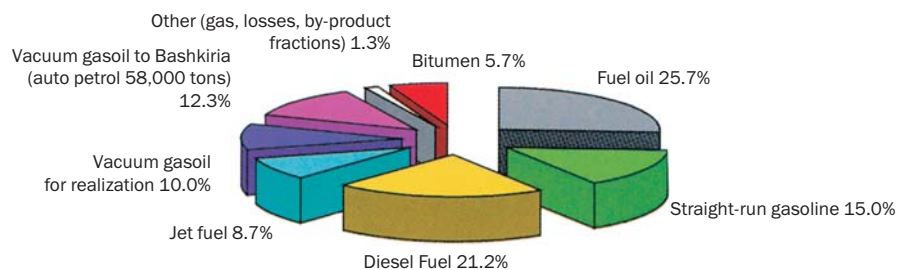


Depth of crude oil processing – 68.6%.
Diesel fuel sulphur content 1%

*after processing in Bashkiria

Note: depth of refinery will be taking into account 400 th tons of commercial road bitumen of the European quality

2nd sub-stage of construction of the first line of Nizhnekamsk refinery without Middle distillates hydrotreating complex



Depth of crude oil processing – 68.6%

610 th tons of jet fuel are produced (sulphur content up to 0.05%)

1410 th tons of diesel fuel are produced (sulphur content up to 0.05%)

Note: depth of refinery will be taking into account 400 th tons of commercial road bitumen of the European quality

the construction of catalytic cracking facility, special units for refining of carbene crude oils produced in Tatarstan. The operating ELOU-AVT-7 unit that was given into lease to TAIF in October 1996 for five year period provides the basic raw materials for nearly all petrochemical facilities of the second area of «Nizhnekamskneftekhim». Before this unit was taken into leasing, PSC «TAIF» had spent more than a year to teach the staff and study the operational process.

PSC «TAIF», as well, coordinates all trading and finance ways for the sale of produced petrochemical products, including the crucial point – fuel oil. The realization of the second and third stages of modernization of Nizhnekamsk NPZ (year 2010), i.e. the construction of the complex of facilities for deep processing of fuel oil and weighted sulphur bearing crude oil, will bring the plant to the results and figures compared with those of such «colossuses» as Moscow Refinery and Perm Refinery. The total cost of the project is USD 1.2 bln.

