MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

National Aviation University Educational and Research Institute of Humanities English for Specific Purpose Department

APPROVED Acting Rector

2017



Quality Management System

SYLLABUS

on

Professional Foreign Language

Field of study: 14 «Electrical Engineering»

Speciality: 142 «Power Machinery»

«Gas Turbine Plants and Compressor Stations» Specialization:

Year of Study -2^{nd} , 3^{d}

Semesters -3^d , 4^{th} , 5^{th} , 6^{th}

Classroom Sessions – 134

Graded Test -3^d , 4^{th} , 5^{th} , 6^{th} semesters

Self-study Total (hours/ECTS credits) -240/8

Index CB - 1 - 142/16 - 3.3



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The Syllabus on "Professional Foreign Language" is based on the educational and professional program and Bachelor Curriculum N_2 CB-1-142/16 for Speciality 142 «Power Machinery», Specialization «Gas Turbine Plants and Compressor Stations» and correspondent normative documents.

Developed by: Senior Lecturer of the Foreign Languages	Department for	
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Discussed and approved by the English for 06. 2017	for Specific Purpose Department, Minutes № 6 of	08.
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Discussed and approved by the Scientific – Humanities Institute, Minutes № of		
Head of the SMEB	N. Yahodzinskyi	
"Agreed"		
Director of the Educational and Research Institute of Humanities	Director of the Center of Advanced Technologies	
A. Gudmanian	V. Kazak	
"2017.	"2017.	

Level of document – 3b Planned term between revisions – 1 year **Master copy**



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1. EXPLANATORY NOTE

The Syllabus of the discipline "Professional Foreign Language" is developed on the basis of "Methodical instructions for the development and execution of syllabus and course training program of disciplines", put in action by the order of 16.06.2015. №37.

This academic discipline constitutes the practical basis for forming fluent language skills of students, which will result in their improved professional qualification.

Mastering the discipline "Professional Foreign language" is aimed at training students for speciality 142 «Power Machine Building» in reading original literature on his/her specialty, and, as a result, providing them with an access to foreign sources of information. On mastering the discipline "Professional Foreign language" students of the Mechanics and Energetics Faculty are to obtain practical skills in the foreign language. These skills must be acquired on the basis of learning profession-oriented topics defined by this Course Training Program.

The main task of the discipline is to familiarize students with basic terminology on their specialty as well as to deepen their knowledge and improve the skills in different kinds of linguistic activities obtained at school.

The tasks of mastering the discipline "Foreign language" are the following:

- to learn professional terminology and everyday English;
- to be able to read and make oral/written translation of original scientific and technical texts on specialty;
 - to understand recorded and live foreign speech;
 - to be able to communicate with foreigners on general and professional topics;
- to make reports on professional and socio-political topics defined by this Course Training Program .

As a result of mastering the discipline a student shall

know:

- basic professional and technical terminology on the disciplines defined by the academic curriculum;
 - main grammar and lexical features of technical translation;
 - main rules of handling scientific and technical literature;
 - basic socio-political terminology;
 - term-building morphemes and models;
 - main grammar structures, correlation of forms and meanings.

Be able to:

- read the original literature of the specialty to extract the necessary information;
- read and interpret professionally oriented texts , delete them basic information, summarize and annotate texts;
 - comprehension of monologue and dialogue speech;
 - reports on profession-oriented and socio-political topics;
 - participation in discussions;
- rendering information obtained from foreign and native-languages sources (in oral and written forms);



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- analyzing grammar structures, correlating forms and their meanings in reading and translating texts .

Handout course is structured in a modular manner and consists of four training modules, namely:

- training module №1 "Energy supply. Gas Transmission System and its
 Components"
- training module №2 "Compressors. Types of Compressors. Compressor Stations"
 - training module №3 "Turbines. Types of Turbines"
- training module №4 "Anergy Saving. Environmental Protection", each of which is logically complete, relatively independent, integral part of the discipline, learning which provides for modular test and analyze the results of its implementation.

The academic discipline "Professional Foreign Language" is based on the knowledge of such discipline as: «Higher mathematics», «Hydrogasmechanics», «Heat exchange», «The theory of GTU and compressors», «The theory of GTU and compressors» and is the basis for studying other disciplines.

2. CONTENT OF EDUCATIONAL DISCIPLINE

- 2.1. Module №1 "Energy supply. Gas Transmission System and its Components".
- Theme 2.1.1. "Energy supply". Introducing terminology on "Energy supply". Grammar topic "Indefinite and Continuous verb forms".
- Theme 2.1.2. Definition of terminology on the example of educational texts. Practical translation of texts about types of power supply with the analysis of the verb forms.
- Theme 2.1.3. "Mineral and Fuel Energy Resources". Practical translation of the text with the analysis of the verb forms. Writing the questions and plans to the text.
- Theme 2.1.4. Definition of terminology on the example of educational texts. Practical translation of texts about energy movement analysis of the verb forms. Discussion.
- Theme 2.1.5. "The Structural Units of Gas Transmission System". Introducing terminology. Practical translation of the text about the properties of the fluid flow with the analysis of the verb forms.
- Theme 2.1.6. Practical translation of the text about the properties of the fluid flow with the analysis of the verb forms. Writing the questions and plans to the text. Practice in grammar: "Modal verbs can, may, must".
- Theme 2.1.7. "Ukraine's Gas Transmission System". Introducing terminology Practical translation of the text with the analysis of the verb forms.
- Theme 2.1.8. Listening to the text on the topic followed by discussing it. Practice in grammar: "Modal verbs can, may, must".



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Theme 2.1.9. "Natural Gas Processing". Introducing terminology. Practical translation of the text about natural gas processing. Writing the questions and plans to the text.

- Theme 2.1.10. Discussion of the reports about natural gas processing. Making up dialogues on the topic. Exercises on terminology. Practical work on translation of texts. Exercises with the analysis of the verb forms.
- Theme 2.1.11. "Gas pipelines". Practical translation of texts with the analysis of the verb forms. Exercises with the analysis of the verb forms.
- Theme 2.1.12. Practical translation of the text about gas pipelines. Discussion of the reports about types of energy in various spheres of life. Exercises with the analysis of the verb forms.
- Theme 2.1.13. "Compressor Stations". Introducing terminology. Practical translation of the text about compressor stations. Writing the questions and plans to the text. Exercises with the analysis of the verb forms.
- Theme 2.1.14. Reports on the topics. Listening to the text on the topic followed by discussing it. Making dialogues on the topic. Practice in grammar.
- Theme 2.1.15. "Maintenance of Gas Transmission System". Introducing terminology. Translating texts on the topic under study. Grammar material revision.
- Theme 2.1.16. Discussion of the reports and making up dialogues on the topic. Writing the questions and plans to the text.
- Theme 2.1.17. "Gas Mains". Introducing terminology. Translating texts on the topic under study. Grammar material revision.
- Theme 2.1.18. Definition of terminology on the example of educational texts about the types of gas turbine engines. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading.
- Theme 2.1.19. "Natural Gas Storage". Introducing terminology. Translating texts on the topic under study. Practice in grammar.
- Theme 2.1.20. Writing the key questions to the text under study followed by grammar analysis. Practice in grammar: "Modal verbs have to, to be to". Working with texts for supplementary reading.
- Theme 2.1.21. "Gas storage facilities". Reading and translating the text followed by grammar analysis. Writing the questions and plans to the text. Introducing grammar material: "Modal verbs should, ought to".
- Theme 2.2.22. Definition of terminology on the example of educational texts about gas storage facilities. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading.
- Theme 2.1.23. "Gas Transmission Safety". Practical translation of texts. Writing the questions to the text. Practice in grammar: "Modal verbs should, ought to".
- Theme 2.1.24. Practical translation of the text about gas transmission safety. Writing the questions and plans to the text. Drawing up dialogs on the topic.
- Theme 2.1.25. "Gas Metering". Definition of terminology on the example of educational texts about gas metering. Practical translation of texts. Exercises on the grammar.



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Theme 2.1.26. Practical translation of the text about gas metering. Terminology revision. Drawing up dialogs on the topic. Writing the questions and plans to the text. Practice in grammar: "Modal verbs should, ought to"

Theme 2.1.27. "Oil Transportation System". Reading and translating the text followed by discussion. Writing the questions and plans to the text. Analysis of verb forms.

Theme 2.1.28. Practical translation of the text about Ukrainian oil transportation system. Making up dialogues on the topic. Discussion of the reports. Practice in grammar: "Modal verbs should, ought to, will".

Theme 2.1.29. "Energy and environment". Introducing terminology on the topic. Reading the text about industrial application of heat exchangers. Writing the questions to the text. Grammar material revision.

Theme 2.1.30. Terminology revision. Practical translation of texts. Comparative analysis of Indefinite and Continuous verb forms.

Theme 2.1.31. "Environmental Protection". Introducing terminology on the topic. Reading the text about environmental protection followed by discussion. Grammar material revision.

Theme 2.1.32. Reports on the topic "Environmental Protection" to revise the terminology of the topic. Listening to the text on the topic followed by discussing it. Making up dialogues on the topic.

2.2. Модуль №2 "Compressors. Types of Compressors. Compressor Stations".

Theme 2.2.1. "Compressors". Introducing terminology. Grammar topic: "Indefinite and Continuous Tenses".

Theme 2.2.2. Improving knowledge of terminology on the topic. Definition of terminology on the example of educational texts about compressors functions. Introducing grammar material: "Present Perfect Active/Passive".

Theme 2.2.3. "Gas Compressor Units". Practical translation of texts on the topic. Writing the questions and plans to the text. Practice in grammar material: "Present Perfect Active/Passive".

Theme 2.2.4. Definition of terminology on the example of educational texts about gas compressor units. Practical translation of supplementary texts.

Theme 2.2.5. "Centrifugal Compressor". Reading and translating the text followed by grammar analysis. Introducing grammar material: "Past Perfect Active/Passive".

Theme 2.2.6. Practical translation of texts on the topic. Discussing and analyzing grammar forms: "Past Perfect Active/Passive".

Theme 2.2.7. "Axial-flow Compressor". Introducing terminology. Practical translation of the text. Introducing grammar material: "Future Perfect Active/Passive".

Theme 2.2.8. Practical translation of texts about power hydraulics. Grammar material revision: "Future Perfect Active/Passive".



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Theme 2.2.9. "Reciprocating Compressor". Introducing terminology on the topic. Practical translation of texts. Introducing grammar material: "Present Perfect Continuous".

- Theme 2.2.10. Discussing reports about reciprocating compressors. Making up the dialogues on the topic. Grammar material revision: "Present Perfect Continuous".
- Theme 2.2.11. "Membrane and Rotary Screw Compressors". Practical translation of the text about membrane and rotary screw compressors with the analysis of the verb forms to be, to have. Introducing grammar material: "Past Perfect Continuous".
- Theme 2.2.12. Practical translation of the text about membrane and rotary screw compressors. Grammar material revision: "Past Perfect Continuous".
- Theme 2.2.13. "Spiral compressors". Practical translation of the text about spiral compressors safety while working with hydraulic fluids. Introducing grammar material: "Future Perfect Continuous".
- Theme 2.2.14. Discussing reports on the topic. Grammar material revision: "Future Perfect Continuous". Preparation for modular control work.
- Theme 2.2.15. "Inverter compressors". Introducing terminology on the topic. Practical translation of the text about inverter compressors. Comparative analysis of verb forms.
- Theme 2.2.16. Definition of terminology on the example of educational texts about inverter compressors. Introducing grammar material: "Modal verbs can, may, must".
- Theme 2.2.17. "Rotary Compressors". Introducing terminology on the topic. Working out the text on the rotary compressors types, performing lexical exercises on the topic. Grammar material revision: "Modal verbs can, may, must".
- Theme 2.2.18. Definition of terminology on the example of educational texts about the types of rotary compressors. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading.
- Theme 2.2.19. "Vortex Compressors". Introducing terminology on the topic. Practical translation of the text about vortex compressors. Introducing grammar material: "Modal verbs have to, to be to".
- Theme 2.2.20. Preparation of key questions for the application of vortex compressors. Practice in grammatical material: "Modal verbs have to, to be to".
- Theme 2.2.21. "Turbocompressors". Practical work on the translation of the text about turbocompressors. Introducing grammar material: "Modal verbs should, ought to".
- Theme 2.2.22. Definition of terminology on the example of educational texts about turbocompressors. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading.
- Theme 2.2.23. "Compressors prime mover". Definition of terminology on the example of educational texts about the compressors prime mover. Analysing grammar material: "Modal verbs should, ought to, will".
- Theme 2.2.24. Practical translation of the text about the compressors prime mover. Making up the dialogues on the topic.



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Theme 2.2.25." Compressor Stations". Definition of terminology on the example of educational texts about compressor stations. Comparative analysis of modular verbs.

Theme 2.2.26. Practical translation of the text about compressor stations. Making up the dialogues on the topic. Practice in grammar material: "Modal verbs should, ought to, will".

Theme 2.2.27. "Maintenance of Compressor Stations". Introducing terminology on the topic. Practical translation of the text about the maintenance of compressor stations.

Theme 2.2.28. Practical translation of supplementery reading texts about the maintenance of compressor stations. Writing key questions about the maintenance of compressor stations.

Theme 2.2.29. "Compressor Shops". Practical translation of the text about compressor shops. Discussing the texts for self-reading. Making up the dialogues on the topic.

Theme 2.2.30. Discussing the reports on the topic. Practical work in the form of discussion. Preparation for modul control work.

Theme 2.2.31." Maintenance of Compressor Units". Discussing the texts for self-reading. Making up the dialogues on the topic.

Theme 2.2.32. Discussing the reports on the topic "Maintenance of Compressor Units". Practical work in the form of discussion.

2.3. Module №3 "Turbines. Types of Turbines".

Theme 2.3.1. "Turbines". Introducing terminology. Grammar topic "Indefinite and Continuous verb forms".

Theme 2.3.2. Definition of terminology on the example of educational texts. Practical translation of texts about the functions of turbines with the analysis of the verb forms Present Perfect Active/Passive.

Theme 2.3.3. "Types of Turbines". Practical translation of the text with the analysis of the verb forms. Writing the questions and plans to the text. Practice in grammar: Present Perfect Active/Passive.

Theme 2.3.4. Definition of terminology on the example of educational texts. Practical translation of texts about the types of turbines analysis of the verb forms. Discussion.

Theme 2.3.5. "Turbines Application". Introducing terminology. Practical translation of the text about the turbines application with the analysis of the verb forms. Practice in grammar: Past Perfect Active/Passive.

Theme 2.3.6. Practical translation of the text about the turbines application with the analysis of the verb forms. Writing the questions and plans to the text. Practice in grammar: Past Perfect Active/Passive.

Theme 2.3.7. "Gas Turbines". Introducing terminology. Practical translation of the text with the analysis of the verb forms. Practice in grammar: Future Perfect Active/Passive.



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Theme 2.3.8. Practical translation of the text about the gas turbines. Listening to the text on the topic followed by discussing it. Practice in grammar: Future Perfect Active/Passive.

Theme 2.3.9. "Gas Turbine Compressor Units". Introducing terminology. Practical translation of the text about gas turbine compressor units. Writing the questions and plans to the text. Practice in grammar: "Present Perfect Continuous".

Theme 2.3.10. Discussion of the reports about gas turbine compressor units. Making up dialogues on the topic. Exercises on terminology. Practical work on translation of texts. Practice in grammar: "Present Perfect Continuous".

Theme 2.3.11. "Industrial Gas Turbines". Practical translation of texts with the analysis of the verb forms. Exercises with the analysis of the verb forms. Practice in grammar: "Past Perfect Continuous".

Theme 2.3.12. Practical translation of the text about industrial gas turbines. Discussion of the reports about industrial gas turbines. Practice in grammar: "Past Perfect Continuous".

Theme 2.3.13. "Steam Turbines". Introducing terminology. Practical translation of the text about compressor stations. Writing the questions and plans to the text. Practice in grammar: "Future Perfect Continuous".

Theme 2.3.14. Reports on the topics. Listening to the text on the topic followed by discussing it. Making dialogues on the topic. Practice in grammar.

Theme 2.3.15. "Hydraulic Turbines". Introducing terminology. Translating texts on the topic under study. Grammar material revision.

Theme 2.3.16. Discussion of the reports and making up dialogues on the topic. Writing the questions and plans to the text. Practice in grammar: "Modal verbs can, may, must".

Theme 2.3.17. "Impulse Turbines". Introducing terminology. Translating texts on the topic under study. Execution of lexical exercises on the topic. Practice in grammar: "Modal verbs can, may, must".

Theme 2.3.18. Definition of terminology on the example of educational texts about impulse turbines. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading.

Theme 2.3.19. "Impulse turbines oparation". Introducing terminology. Translating texts on the topic under study. Practice in grammar.

Theme 2.3.20. Writing the key questions to the text under study followed by grammar analysis. Practice in grammar: "Modal verbs have to, to be to". Working with texts for supplementary reading.

Theme 2.3.21. "Reaction Turbines". Reading and translating the text followed by grammar analysis. Writing the questions and plans to the text. Introducing grammar material: "Modal verbs should, ought to".

Theme 2.3.22. Definition of terminology on the example of educational texts about reaction turbines. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading.



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Theme 2.3.23. "Reaction turbines application". Practical translation of texts. Writing the questions to the text. Practice in grammar: "Modal verbs should, ought to".

Theme 2.3.24. Practical translation of the text about reaction turbines application. Writing the questions and plans to the text. Drawing up dialogs on the topic.

Theme 2.3.25. "Impulse - reaction turbines". Definition of terminology on the example of educational texts about impulse - reaction turbines. Practical translation of texts. Exercises on grammar.

Theme 2.3.26. Practical translation of the text about impulse - reaction turbines. Terminology revision. Drawing up dialogs on the topic. Writing the questions and plans to the text. Practice in grammar: "Modal verbs should, ought to"

Theme 2.3.27. "Maintenance of Turbines". Reading and translating the text followed by discussion. Writing the questions and plans to the text. Analysis of verb forms.

Theme 2.3.28. Making up dialogues on the topic. Discussion of the reports. Practice in grammar.

Theme 2.3.29. "Smog as an environmental problem". Introducing terminology on the topic. Reading the text about industrial application of heat exchangers. Writing the questions to the text. Grammar material revision.

Theme 2.3.30. Discussion of the reports and making up dialogues on the topic. Terminology revision. Practical translation of texts.

Theme 2.3.31. "Environmental benefits of natural gas". Introducing terminology on the topic. Discussion of the texts for supplementary reading. Making up the dialogues on the topic.

Theme 2.3.32. Reports on the topic "Environmental benefits of natural gas" to revise the terminology of the topic. Making up dialogues on the topic.

2.4. Модуль №4 " Anergy Saving. Environmental Protection ".

Theme 2.4.1. "Types of energy". Introducing terminology. Grammar topic: "Direct/Indirect Speech. The use of words: say, tell, speak, talk".

Theme 2.4.2. Improving knowledge of terminology on the topic. Definition of terminology on the example of educational texts about compressors functions. Grammar material: "Sequence of Tenses".

Theme 2.4.3. "Heat energy". Practical translation of texts on the topic. Writing the questions and plans to the text. Practice in grammar.

Theme 2.4.4. Definition of terminology on the example of educational texts about gas compressor units. Practical translation of supplementary texts.

Theme 2.4.5. "Energy use". Reading and translating the text followed by grammar analysis. Practice in grammar: "Sequence of Tenses".

Theme 2.4.6. Practical translation of texts on the topic. Discussing and analyzing grammar forms.

Theme 2.4.7. "Energy saving". Introducing terminology. Practical translation of the text.



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Theme 2.4.8. Practical translation of texts about energy saving. Discussing reports about energy saving. Grammar topic: "Direct/Indirect Speech.

Theme 2.4.9. "Recycling and reusing energy resources". Introducing terminology on the topic. Practical translation of texts. Practice in grammar.

Theme 2.4.10. Discussing reports about recycling and reusing energy resources. Making up the dialogues on the topic. Grammar material revision: "Verbals".

Theme 2.4.11. "Energy sources". Practical translation of the text about energy sources with the analysis of the verb forms to be, to have. Grammar material revision.

Theme 2.4.12. Practical translation of the text about energy sources. Practice in grammar: Infinitive.

Theme 2.4.13. "Non-renewable resources". Practical translation of the text about using of non-renewable energy sources. Practice in grammar: Infinitive.

Theme 2.4.14. Discussing reports on the topic. Grammar material revision. Preparation for modular control work.

Theme 2.4.15." Alternative energy sources". Introducing terminology on the topic. Practical translation of the text about alternative energy sources. Introducing grammar material: Complex Subject.

Theme 2.4.16. Definition of terminology on the example of educational texts about alternative energy sources. Grammar material revision: "Complex Subject".

Theme 2.4.17. "Solar energy". Introducing terminology on the topic. Working out the text about solar energy, performing lexical exercises on the topic. Introducing grammar material: "Complex Object".

Theme 2.4.18. Definition of terminology on the example of educational texts about solar energy. Execution of lexical exercises on the topic. The analysis of the verb forms. Working with texts for supplementary reading. Practice in grammar: Complex Object.

Theme 2.4.19. "Wind energy". Introducing terminology on the topic. Practical translation of the text about wind energy. Practice in grammar: "Complex Object/Complex Subject".

Theme 2.4.20. Preparation of key questions to the text about wind energy. Practice in grammatical material: "Complex Object/ Complex Subject".

Theme 2.4.21. "The perspectives of wind energy". Practical work on the translation of the text about the perspectives of wind energy. Introducing grammar material: "Gerund".

Theme 2.4.22. Definition of terminology on the example of educational texts about the perspactives of wind energy. Execution of lexical exercises on the topic. Practice in grammatical material: "Gerund". Working with texts for supplementary reading.

Theme 2.4.23. "Bioenergy". Definition of terminology on the example of educational texts about bioenergy. Practice in grammar.

Theme 2.4.24. Practical translation of the text about bioenergy. Making up the dialogues on the topic .



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Theme 2.4.25." The use of bioenergy". Definition of terminology on the example of educational texts about the use of bioenergy. Practice in grammar material: "Gerundial Constructions".

Theme 2.4.26. Practical translation of the text about compressor stations. Making up the dialogues on the topic. Practice in grammar material: "Gerundial Constructions".

Theme 2.4.27. "Hydroenergy". Introducing terminology on the topic. Practical translation of the text about hydroenergy. Practice in grammar material: Present Participle.

Theme 2.4.28. Practical translation of supplementery reading texts about hydroenergy. Writing key questions about hydroenergy. Practice in grammar: Present Participle.

Theme 2.4.29. "Geothermal energy". Practical translation of the text about geothermal energy. Discussing the texts for self-reading. Making up the dialogues on the topic.

Theme 2.4.30. Discussing the reports on the topic. Practical work in the form of discussion. Preparation for modul control work.

Theme 2.4.31." Nuclear energy". Discussing the texts for self-reading. Making up the dialogues on the topic.

Theme 2.4.32. Discussing the reports on the topic "Nuclear energy". Practical work in the form of discussion.

3. LIST OF THE RECOMMENDED SOURCES

3.1. The main sources are recommended

- 3.1.1. Акмалдінова О.М., Карпенко М.В., Максимович Г.О., Поповська І.І. "Compressor Stations." Навчальний посібник. К: НАУ, 2010 р.
- 3.1.2. Акмалдінова О.М., Поповська І.І., Максимович Г.О., Семенюк Н.Г. Англійська мова. Energy Sources and Transmission: Навчальний посібник. К: НАУ, 2009. 160 с.
- 3.1.3. Акмалдінова О.М., Кравчук О.Ю. Методичні вказівки і завдання для самостійної роботи студентів ІІ курсу спеціальності 8.090522 «Газові установки і компресорні станції». К: НАУ, 2004 р.
- 3.1.4. Акмалдінова О. М., Будко Л.В. Aircraft Systems. Методична розробка для студентів І-ІV курсів Аерокосмічного інституту. К.: НАУ, 2004р.
- 3.1.5. Методичні вказівки і завдання для самостійної роботи студентів ІІ курсу ІЗДН спеціальності «Газові установки і компресорні станції». К: НАУ, 2004 р.

3.2. Other recommended sources

3.2.1. Акмалдінова О.М., Будко Л.В., Старовойтова Л.І. Навчальний посібник для студентів усіх спеціальностей НАУ "High-Style Socio-Political Terminology.— К.: НАУ, 2005, — 228с.



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- 3.2.2. Акмалдінова О.М., Фатєєва С.П. English Grammar Practice. Навчальний посібник. К., 2002р.
 - 3.2.3. Журнальні статті з періодичних фахових видань.
 - 3.2.4. Газетні статті з суспільно-політичної тематики.
 - 3.2.5. Граматичні довідники з іноземної мови.
 - 3.2.6. Словники за фахом.



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АРКУШ ПОШИРЕННЯ ДОКУМЕНТА

№ прим.	Куди передано (підрозділ)	Дата видачі	П.І.Б. отримувача	Підпис отримувача	Примітки	

 $(\Phi 03.02 - 02)$

АРКУШ ОЗНАЙОМЛЕННЯ З ДОКУМЕНТОМ

АГКУШ ОЗПАЙОМЛЕННИ З ДОКУМЕНТОМ						
$N_{\underline{0}}$	Unianyuya iyla ya Sazyyani	Підпис ознайомленої	Дата ознайом-	Потоблен		
пор.	Прізвище ім'я по-батькові	особи	лення	Примітки		



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АРКУШ РЕЄСТРАЦІЇ РЕВІЗІЇ

№ пор.	Прізвище ім'я по-батькові	Дата ревізії	Підпис	Висновок щодо адекватності

 $(\Phi 03.02 - 03)$

АРКУШ ОБЛІКУ ЗМІН

№	№ листа (сторінки)			Підпис особи,	Дата	Дата	
зміни	Зміненого	Заміненого	Нового	Анульо- ваного	яка внесла зміну	внесення зміни	введення зміни

 $(\Phi 03.02 - 32)$

УЗГОДЖЕННЯ ЗМІН

	Підпис	Ініціали, прізвище	Посада	Дата
Розробник				
Узгоджено				
Узгоджено				
Узгоджено				