APPLICATION AND INFORMATION FOR TESTING FOR STATIONARY ENGINEER



PLEASE READ CAREFULLY

A REFERENCE LIST IS ATTACHED FOR EACH SPECIFIC EXAMINATION

TO PERSON(S) REQUESTED TO CERTIFY EXAMINEE'S EXPERIENCE

The examinee named on the attached form is required to furnish one or more certificates in support of experience shown on his/her application. The examinee, therefore, is requesting you to certify as to your knowledge of his/her experience.

All statements made on behalf of an examinee's experience in the classification cited this form shall be verified by a qualified and responsible person, that is, by an employer, with DIRECT KNOWLEDGE of the examinee's qualifications and capacity to become licensed. The employer must certify that the examinee demonstrates a level of knowledge and skill expected in the classification for which the application is being made.

Your cooperation is earnestly solicited so that the City of Tulsa Mechanical Board can determine whether an applicant has had the experience necessary to become capable and qualified in the field he/she has requested examination for.

Any person who knowingly procures or offers any false or forged instrument to be filed, registered, or recorded in any public office within this state, which instrument if genuine might be filed, registered, or recorded under any law of this state or of the United States is guilty of a felony.

When filed with an application, the attached certificate becomes the property of the City of Tulsa Mechanical Board.

DO NOT SEND THIS FORM TO THE CITY OF TULSA MECHANICAL BOARD.

RETURN IT TO THE EXAMINEE IN ORDER THAT HE/SHE MAY ATTACH IT

TO HIS/HER APPLICATION.

MECHANICAL EXAMINERS & APPEALS BOARD

Information for License Applicants

- 1. Applications may be obtained from the Development Services Permit Center, 175 E. 2nd Street, 4th Floor, Tulsa, Oklahoma, 74103. Notarized "Employer's Certification of Examinee's Experience & Qualifications" form, which is attached to this application, is required to prove experience. If this form cannot be secured, you may present notarized letters in person to the Mechanical Board for their approval. Military experience may be shown with a copy of your DD214 or similar document.
- 2. Your application must be turned in to the Permit Center, 175 E. 2nd Street, 4th Floor, Tulsa, Oklahoma, 74103, before 4:00 p.m. the second (2nd) Tuesday of the month preceding the month in which you wish to test.
- 3. It is <u>YOUR</u> responsibility to call Inspection Services at 596-1613 after 11:00 a.m. following the third Tuesday to see if your application was accepted or rejected. You will also receive a letter from this office stating the following:
 - a. Approval of your application;
 - b. Date of testing;
 - c. Time of testing;
 - d. Place of testing;
 - e. Test ordered according to your application; and
 - f. Additional testing fees.

If your test request is rejected, the letter will state the reason.

- 4. The test fee is \$80.00 and must be paid at the test site.
- 5. PLEASE READ THE ATTACHED DETAILED INFORMATION CONCERNING FILLING OUT THE APPLICATION.

TESTING INFORMATION:

- 1. Tests are given the third Tuesday of each month at 5:30 p.m. Location of test will be announced in the letter to the applicant.
- 2. Test scores will be available approximately three (3) weeks after taking the examination. After passing the test, your Certification of Competency will be mailed to the address on your application. Also, a letter will accompany your certificate, giving you information concerning the required fee to activate your license.
- 3. If you fail your test, you may retest by paying another fee of the same amount. A new application is not necessary.

THE FOLLOWING SCHEDULE IS FOLLOWED FOR RETAKING THE TEST

First Failure	Two	(2)	months	to 1	retest
All Failures thereafter	Four	(4)	months	to	retest

You may test only a maximum of three (3) times per year beginning with the month of the first test.

4. FAILURE TO APPEAR FOR THE EXAMINATION AT THE SCHEDULED TIMES WILL RESULT IN A FORFEITURE OF THE EXAMINATION FEE.

PREPARATION FOR TESTING

- 1. A reference list is included in this packet for each specific examination.
- 2. All examinations are open book, so you may bring references. **NO NOTES**.
- 3. Bring several sharpened No. 2 pencils; a pencil sharpener will not be available during the exam.
- 4. The use of calculators will be permitted only if the machine is non-electric, producing no tape, and quiet. Any memory on the calculator must be cleared when entering or leaving the classroom.
- 5. Any other necessary items will be supplied by the examiners.

EXAMINATION RULES AND INFORMATION

A. References:

- 1. Each applicant must provide their own references; no material of any sort may be shared by applicants.
- 2. Only books and references will be permitted in the examination room. All briefcases, books, etc., may be inspected by the proctors.
- 3. No notes of any sort will be allowed.

B. Scratch Paper:

1. No paper of any kind is to be brought to the examination. Use the back of the pages for scratch paper during the examination.

C. Note taking:

1. No part of the examination may be copied or reproduced in any manner, or removed from the examination room. If notes are made in references, the proctor will pick up the references and turn them in to the examining board.

D. Talking:

1. No talking is permitted during the exam, except to the proctor.

E. Smoking:

1. No smoking is permitted in the examination room.

F. Applicant Number:

1. Do not put your name on the exam; use only the assigned applicant number.

G. Questions:

- 1. No technical questions of any sort will be answered by the proctor. If you do not understand a question on the exam, do your best to answer it.
- 2. Answer all questions. There is no penalty for guessing.

H. Materials:

1. Bring all references, several sharpened No. 2 pencils and an eraser, a calculator, and personal identification documents (one must display your photograph).

VIOLATION OF ANY OF THE ABOVE RULES WILL DISQUALIFY THE APPLICANT AND NO GRADE WILL BE ISSUED, LEGAL AND DISCIPLINARY ACTION CAN BE TAKEN BY THE EXAMINATION BOARD.

FIRST CLASS STATIONARY ENGINEER

SCOPE

Any person holding a First Class Engineer's License is qualified to operate and maintain all steam generating boilers, pressure vessels, superheaters, refrigeration plants and air conditioning units of unlimited tonnage, horsepower and pressure and all pumps and apparatus in conjunction therewith.

EXAMINATION REFERENCES

The references on the list are used to prepare the questions for the examination. During an open-book section of an examination, you may refer to any or all of these references, except for the study aids.

These references can be obtained directly from the publishers or from local trade bookstores.

- (2009) Low Pressure Boilers 3rd Edition

 Frederick M. Steingress (ATP)
 American Technical Publishers, Inc.
 Homewood, Illinois 60430-4600.
- "Title 59" Ordinance No. 21991 (2006) Mechanical Code 2006 Edition City of Tulsa, Oklahoma.
- 3. (2006) International Mechanical Code International Code Council, Inc. (ICC).
- 4. (2006) International Fuel Gas Code International Code Council, Inc. (ICC).
- 5. (2009) Refrigeration & Air Conditioning Technology 6th Edition Whitman, Johnson & Tomczyk Delmar Thompson Learning.

6. (2009) High Pressure Boilers 4th Edition
– Frederick M. Steingress, Harold J.
Frost and Daryl R. Walker – (ATP)
American Technical Publishers, Inc.,
Homewood, Illinois 60430-4600.

Some of the questions will be based on field experience and knowledge of basic trade practices; therefore, questions will not be limited to these references.

If a revised or updated version of any of these references (other than Code books) becomes available prior to the examination date, the updated reference will also be application to the examination questions. Please note that the examinations will be based on the editions of the Code books listed on the reference list.

No marks, highlighting or notes of any sort may be made in the reference material during the examination. Highlighting and permanent tabbing <u>prior</u> to the examination is acceptable. Please note, "Post It" notes are not permanent and will not be allowed. NO handwritten notes may be made in the reference materials prior to or during the examination.

FIRST CLASS LIMITED STATIONARY ENGINEER

SCOPE

Any person holding a First Class Limited License is qualified to operate and maintain all boilers with an operating temperature of less than 250 degrees F and subject to a pressure not exceeding 15 psi steam or 160 psi water and refrigeration and air conditioning units of unlimited tonnage including all pumps and apparatus in conjunction therewith.

EXAMINATION REFERENCES

The references on the list are used to prepare the questions for the examination. During an open-book section of an examination, you may refer to any or all of these references, except for the study aids.

These references can be obtained directly from the publishers or from local trade bookstores.

- (2009) Low Pressure Boilers 3rd Edition

 Frederick M. Steingress (ATP)
 American Technical Publishers, Inc.
 Homewood, Illinois 60430-4600.
- "Title 59" Ordinance No. 21991 (2006) Mechanical Code 2000 Edition City of Tulsa, Oklahoma.
- 3. (2006) International Mechanical Code International Code Council, Inc. (ICC).
- 4. (2006) International Fuel Gas Code International Code Council, Inc. (ICC).
- 5. (2009) Refrigeration & Air Conditioning Technology 6th Edition –

Whitman, Johnson & Tomczyk – Delmar Thompson Learning.

Some of the questions will be based on field experience and knowledge of basic trade practices; therefore, questions will not be limited to these references.

If a revised or updated version of any of these references (other than Code books) becomes available prior to the examination date, the updated reference will also be application to the examination questions. Please note that the examinations will be based on the editions of the Code books listed on the reference list.

No marks, highlighting or notes of any sort may be made in the reference material during the examination. Highlighting and permanent tabbing <u>prior</u> to the examination is acceptable. Please note, "Post It" notes are not permanent and will not be allowed. NO handwritten notes may be made in the reference materials prior to or during the examination.

THIRD CLASS STATIONARY ENGINEER

SCOPE

Any person holding a Third Class Engineer's license is qualified to operate and maintain heating boilers with an operating temperature of less than 250 degrees F and subject to a pressure not to exceed 15 psi steam or 160 psi water and all pumps and apparatus in connection therewith.

EXAMINATION REFERENCES

The references on the list are used to prepare the questions for the examination. During an open-book section of an examination, you may refer to any or all of these references, except for the study aids.

These references can be obtained directly from the publishers or from local trade bookstores.

- (2009) Low Pressure Boilers 3rd Edition

 Frederick M. Steingress (ATP)
 American Technical Publishers, Inc.
 Homewood, Illinois 60430-4600.
- 2. "Title 59: Ordinance No. 21991 (2006) Mechanical Code 2006 Edition City of Tulsa, Oklahoma.
- 3. (2006) International Mechanical Code International Code Council, Inc. (ICC).
- 4. (2006) International Fuel Gas Code International Code Council, Inc. (ICC).

Some of the questions will be based on field experience and knowledge of basic trade practices; therefore, questions will not be limited to these references. If a revised or updated version of any of these references (other than Code books) becomes available prior to the examination date, the updated reference will also be application to the examination questions. Please note that the examinations will be based on the editions of the Code books listed on the reference list.

No marks, highlighting or notes of any sort may be made in the reference material during the examination. Highlighting and permanent tabbing <u>prior</u> to the examination is acceptable. Please note, "Post It" notes are not permanent and will not be allowed. NO handwritten notes may be made in the reference materials prior to or during the examination.

PROCESS STEAM BOILER OPERATOR

SCOPE

Any person holding a Process Steam Boiler Operator license may operate high-pressure process team boilers of fifty (50) horsepower or less and subject to an operating pressure not to exceed 150 psig. Seventy-five (75) percent of the total boiler capacity must be used for the process system operation.

EXAMINATION REFERENCES

The references on the list are used to prepare the questions for the examination. You may use any or all of the references on the open book section of the examination.

These references can be obtained directly from the publishers or from local trade bookstores.

(2009) High Pressure Boilers 4th Edition

 Frederick M. Steingress, Harold J.
 Frost and Daryl R. Walker – (ATP)
 American Technical Publishers, Inc.,
 Homewood, Illinois 60430-4600.

Some of the questions will be based on field experience and knowledge of basic trade practices; therefore, questions will not be limited to these references.

If a revised or updated version of any of these references (other than Code books) becomes available prior to the examination date, the updated reference will be based on the editions of the Code Books listed on the reference list. No marks, highlighting or notes of any sort may be made in the reference material during the examination. Highlighting and permanent tabbing <u>prior</u> to the examination is acceptable. NO handwritten notes may be made in the reference materials prior to or during the examination.

STEAM SPECIAL

SCOPE

Any person holding a Steam Special License may operate and maintain all boilers, engines, pumps and apparatus in conjunction therewith.

EXAMINATION REFERENCES

The references on the list are used to prepare the questions for the examination. During an open-book section of an examination, you may refer to any or all of these references, except for the study aids.

These references can be obtained directly from the publishers or from local trade bookstores.

- (2009) Low Pressure Boilers 3rd Edition
 Frederick M. Steingress (ATP)
 American Technical Publishers, Inc.
 Homewood, Illinois 60430-4600.
- 2. "Title 59" Ordinance No. 21991 (2006) Mechanical Code 2006 Edition City of Tulsa, Oklahoma.
- 3. (2006) International Mechanical Code International Code Council, Inc. (ICC).
- 4. (2006) International Fuel Gas Code International Code Council, Inc. (ICC).
- (2009) High Pressure Boilers 4th Edtion

 Frederick M. Steingress, Harold J.
 Frost and Daryl R. Walker (ATP)
 American Technical Publishers, Inc.,
 Homewood, Illinois 60430-4600.

Some of the questions will be based on field experience and knowledge of basic trade practices; therefore, questions will not be limited to these references.

If a revised or updated version of any of these references (other than Code books) becomes available prior to the examination date, the updated reference will also be application to the examination questions. Please note that the examinations will be based on the editions of the Code books listed on the reference list.

No marks, highlighting or notes of any sort may be made in the reference material during the examination. Highlighting and permanent tabbing <u>prior</u> to the examination is acceptable. Please note, "Post It" notes are not permanent and will not be allowed. NO handwritten notes may be made in the reference materials prior to or during the examination.

REGRIGERATION SPECIAL

SCOPE

Any person holding a Refrigeration Special License may operate and maintain refrigeration plants and units of unlimited tonnage or horsepower.

EXAMINATION REFERENCES

The references on the list are used to prepare the questions for the examination. During an open-book section of an examination, you may refer to any or all of these references, except for the study aids.

These references can be obtained directly from the publishers or from local trade bookstores.

- "Title 59" Ordinance No. 21991 (2006) Mechanical Code 2006 Edition City of Tulsa, Oklahoma.
- 2. (2006) International Mechanical Code International Code Council, Inc. (ICC).
- 3. (2006) International Fuel Gas Code International Code Council, Inc. (ICC).
- 4. (2009) Refrigeration & Air Conditioning Technology 6th Edition Whitman, Johnson and Tomczyk Delmar Thompson Learning.

Some of the questions will be based on field experience and knowledge of basic trade practices; therefore, questions will not be limited to these references.

If a revised or updated version of any of these references (other than Code books) becomes available prior to the examination date, the updated reference will also be application to the examination questions. Please note that the examinations will be based on the editions of the Code books listed on the reference list.

No marks, highlighting or notes of any sort may be made in the reference material during the examination. Highlighting and permanent tabbing <u>prior</u> to the examination is acceptable. Please note, "Post It" notes are not permanent and will not be allowed. NO handwritten notes may be made in the reference materials prior to or during the examination.



APPLICATION

				Date of Birth:				
				Finance R	eceipt No.:			
Name of Applicant	Address			Phone Number				
License or Certificate Requ	cense or Certificate Requested Present Employer			Phone Number				
			e all equipm of years of e			serviced, and	l/or	
Chillers:	Ton	nage	# Years	Employ	ed By:	From:	То:	
Boilers:	PSIG	TEMP	#Years	Employ	ed By:	From:	To:	
Other	Size		#Years	Employ	ed By:	From:	То:	
Experience as:	Employee	d By:				From:	To:	
Apprentice								
Being of legal age and after true and correct, and that the license or certificate noted	this affidav	it is made fo	or the purpose ayeth not.	e of meeting	the require	ements to be ş	granted the	
Date:	Signature:							
Subscribed and sworn to be	efore me thi	is da	y of	, 20	·			
My Commission Expires: _								
		FOR OF	FICE USE C	ONLY				
Certificate or License No. Issued		Problem			<u> </u>	Recommended Yes	d No	
Chairman's Signature and	Date Secretary's Signature and Date							



EMPLOYER'S CERTIFICATION OF EXAMINEE'S EXPERIENCE AND QUALIFICATION

To be filled out by examinee: Name of applicant:			
Type of test requested:			
Address:	City:	State:	ZIP:
CERTIFIER MUS		EMAINDER OF THIS FO	
I,, cert	tify that I personally	have known	from (month)
, (year)	, to	from (month)	,
(year)			
Company name of Certifier:			
Examinee,	, was/is emp	ployed with the above name	d company from
to		as a(n)	·
Did the examinee demonstrate a level of	knowledge and skil	l expected?	
I certify under penalty of perjury under t			
Date		Signature	
	-	Title	
Subscribed and sworn to before me this	day of	, 20	
	7	Γitle	
	-]	Notary Public	