



[www.niulpe.org](http://www.niulpe.org)  
email: [info@niulpe.org](mailto:info@niulpe.org)

**NATIONAL INSTITUTE FOR THE UNIFORM LICENSING OF POWER ENGINEERS, INC.**  
**PO BOX 16369**  
**PITTSBURGH, PA 15242-0369**  
**PHONE: (888) 648-5566 FAX: (888) 648-5577**

# **REFERENCE SYLLABUS**

For

**Hot Water Generation Operator  
(1st Class)**



# HOT WATER GENERATION OPERATOR (1ST CLASS)

## SYLLABUS

### Introduction

This Syllabus is intended to assist candidates studying for the Hot Water Generation Operator (1st Class) Examination.

#### **Recommended Study Program:**

It is recommended that, before undertaking this examination, the candidate completes Power Engineering Course of study, offered through a recognized and approved technical institute or training provider which addresses the Syllabus Outline.



# HOT WATER GENERATION OPERATOR (1ST CLASS)

## SYLLABUS

Reference Syllabus for Hot Water Generation Operator (1st Class) Examination Candidates

**Major Topic: Heating Boilers**

**Topic 1 Cast Iron Sectional & Modular Boilers**

**Topic 2 Oil Burners for Heating Boilers**

**Topic 3 Gas Burners for Heating Boilers**

**Topic 4 Basic Fittings for Hot Water Boilers**

**Topic 5 Hot Water and Steam Heating Boiler Operation**



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# **REFERENCE SYLLABUS**

For

**Hot Water Generation Operator  
(2nd Class)**



# HOT WATER GENERATION OPERATOR (1ST CLASS)

## SYLLABUS

### Introduction

This Syllabus is intended to assist candidates studying for the Hot Water Generation Operator (2nd Class) Examination.

#### **Recommended Study Program:**

It is recommended that, before undertaking this examination, the candidate completes Power Engineering Course of study, offered through a recognized and approved technical institute or training provider which addresses the Syllabus Outline.



# HOT WATER GENERATION OPERATOR (1ST CLASS)

## SYLLABUS

Reference Syllabus for Hot Water Generation Operator (2nd Class) Examination Candidates

**Major Topic: Heating Systems and Human Comfort**

**Topic 1 Hot Water Heating Systems**

**Topic 2 Hot Water Heating System Equipment and Operation**