HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

allenlewis09@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours.
- 201 to 300 hours. (selected)
- 301 to 400 hours.
- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
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- Other: ...........................................................................................................................
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- Personal study notes and cheat sheets.
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- ASHRAE Fundamentals
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B

Other: ____________________________________________________________

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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
What were your least confident topics? Select 3.

☐ Basic Engineering Practice
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Additional Comments? Words of advice?

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Google Forms
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Email address *

orionwrx33@gmail.com

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☐ No

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Email address *

keithlunkenheimer@gmail.com

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- Other:  

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- NFPA 90A/B
- **Other:** HVAC Rules of Thumb

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Email address *

Nkhan.dsm@gmail.com

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Email address *

nbooker@thejlagroup.com

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Email address *

tmart1020@gmail.com

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hsivk@yahoo.com

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Email address *

raw109@gmail.com

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- Not as confident (I do not feel confident, I guessed on more than 15 questions).

What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
What were your least confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
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Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

avelez@enovity.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes

☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.

☐ No. 2nd time.

☐ No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours.
- 201 to 300 hours.
- 301 to 400 hours.
- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years
- Other: 

https://docs.google.com/forms/d/1GHQiTqEsci4ijxqplcEGu9ikV_2QEFNmoGeS4Wd9to/edit#responses
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
- NCEES HVAC & Refrigeration sample PE exam.
- ASHRAE Fundamentals
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B
- Other: ..........................................................

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- [ ] Heat Transfer
- [ ] Fluid Mechanics
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- [ ] HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- [ ] HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- [ ] Support Knowledge
What were your least confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- **Heat Transfer**
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
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Google Forms
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

grant@hceengineers.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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How many hours did you study for this exam?

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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

m.huylo@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes
☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.
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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

eli1138@yahoo.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

dowell.ben@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
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How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years
- Other: ____________________________________________________________
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
- NCEES HVAC & Refrigeration sample PE exam.
- **ASHRAE Fundamentals**
- **ASHRAE Systems**
- **ASHRAE Equipment**
- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B
- **Other: Cameron Hydraulics**

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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
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- Energy/Mass Balance
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- Support Knowledge
What were your least confident topics? Select 3.

☐ Basic Engineering Practice

☐ Thermodynamics

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☐ Heat Transfer

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☑ HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)

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Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

justinkc3788@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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How many hours did you study for this exam?

- 0 to 100 hours.
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- NFPA 90A/B
- Other: Index of all Sample Exam Questions

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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

BOWLEY987@YAHOO.COM

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

Mp57078@hotmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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- Other:
  Mechanical Engineering Dictionary, Steam Tables, Various ASHRAE standards were needed for study questions but didn't show up as needed on the test.

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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

annarstanley@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes
☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.
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- More than 5 years
- Other:  
  ____________________________________________________________
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
- NCEES HVAC & Refrigeration sample PE exam.
- ASHRAE Fundamentals
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions

- NFPA 90A/B
- Other: ________________________________

How confident are you in your performance on the AM exam? Guessing is defined as not knowing the exact answer (choosing between 2 or more of the solutions).

- Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
- Very confident (I feel that I knew the correct answers to most of the questions and guessed on not more than 10 questions).
- Confident (I feel confident that I guessed on not more than 15 questions).
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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
What were your least confident topics? Select 3.

- [ ] Basic Engineering Practice
- [ ] Thermodynamics
- [ ] Psychrometrics
- [ ] Heat Transfer
- [x] Fluid Mechanics
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- [x] Support Knowledge

Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

jcp8587@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours. [Selected]
- 201 to 300 hours.
- 301 to 400 hours.
- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
- 3 to 4 years
- 4 to 5 years [Selected]
- More than 5 years
- Other: ___________________________________________
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Additional Comments? Words of advice?

Dont know if I passed yet, but pretty confident I did really well. Your study guide was my main study/reference material. Would highly recommend it to anyone else.

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

brandonbsw@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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Google Forms
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

mpietras@upenn.edu

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Did you pass the exam? *

☐ Yes
☐ No

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- NFPA 90A/B
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☑ Support Knowledge

Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

b4bhavin88@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
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- Other: Testmasters course material

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Additional Comments? Words of advice?

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Google Forms
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

derasjj@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes
☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.
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- [ ] ASHRAE Equipment
- [ ] ASHRAE Refrigeration
- [ ] MERM
- [ ] 6 Minute Solutions
- [x] Engineering Pro Guides Technical Study Guide
- [ ] PPI Engineering Unit Conversions
- [ ] NFPA 90A/B
- [x] Other: Camron Hydraulic + HVAC Rules of thumbs

How confident are you in your performance on the AM exam? Guessing is defined as not knowing the exact answer (choosing between 2 or more of the solutions).

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- [ ] Heating/Cooling Loads
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- [ ] Support Knowledge
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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

sam@hcong.net

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes
☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.
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- 2 to 3 years
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- Other:

https://docs.google.com/forms/d/1GHQiTqEscl4ijxqPlcEGu9IkV_2QEFNmoGeS4Wd9to/edit#responses
Which references would you recommend for the exam? *

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Additional Comments? Words of advice?

I only had time to review your study guide, but I felt your study guide covered 80% of the questions on the AM section and 70% of the PM. If I pass the PE it would be because of your study guide. Highly recommend this guide to others.
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

RWM5150@YAHOO.COM

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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Email address *

nickp.stephenson@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

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- Yes, this is my first time taking the PE exam.
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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
What were your least confident topics? Select 3.

- [ ] Basic Engineering Practice
- [x] Thermodynamics
- [ ] Psychrometrics
- [x] Heat Transfer
- [x] Fluid Mechanics
- [ ] Energy/Mass Balance
- [ ] Heating/Cooling Loads
- [ ] HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- [ ] HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- [ ] Support Knowledge

Additional Comments? Words of advice?

This content is neither created nor endorsed by Google.
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

mohannadmahdi2@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours.
- 201 to 300 hours. □
- 301 to 400 hours.
- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years.
- 3 to 4 years.
- 4 to 5 years.
- More than 5 years. □
- Other: ..........................................................
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
- NCEES HVAC & Refrigeration sample PE exam.
- ASHRAE Fundamentals
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B
- Other: 

How confident are you in your performance on the AM exam? Guessing is defined as not knowing the exact answer (choosing between 2 or more of the solutions).

- Extremely confident (I feel that I knew the correct answers to nearly all of the questions and guessed on less than 5 questions).
- Very confident (I feel that I knew the correct answers to most of the questions and guessed on not more than 10 questions).
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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

mjwest@civilprojects.org

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours. **(Selected)**
- 201 to 300 hours.
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- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
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- 4 to 5 years **(Selected)**
- More than 5 years
- Other: 

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- Personal study notes and cheat sheets.
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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

kalyan_palaparthy@yahoo.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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- Other: __________________________________________________________
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- Support Knowledge
What were your least confident topics? Select 3.

- Basic Engineering Practice
- Psychrometrics
- Support Knowledge

Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

mwyoung85@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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- 2 to 3 years
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- More than 5 years
- Other: 

https://docs.google.com/forms/d/1GHQiTqEscl4ijxqplcEGu9iKv_2QEFNmoGeS4Wd9to/edit#responses
Which references would you recommend for the exam? *

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Additional Comments? Words of advice?

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Google Forms
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

jgasser@cmtaegrs.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

○ Yes
○ No

Is this your first time taking the exam?

○ Yes, this is my first time taking the PE exam.
○ No. 2nd time.
○ No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

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How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years
- Other: ___________________________________________________________________
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- Other: ..........................................................................................................................................................................

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- Support Knowledge

Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

safi.hussaini91@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

○ Yes
○ No

Is this your first time taking the exam?

○ Yes, this is my first time taking the PE exam.
○ No. 2nd time.
○ No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours.
- 201 to 300 hours. (selected)
- 301 to 400 hours.
- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years (selected)
- 3 to 4 years
- 4 to 5 years
- More than 5 years
- Other: __________________________________________________________________________
Which references would you recommend for the exam? *

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Other: ........................................................................................................

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☑ Support Knowledge

Additional Comments? Words of advice?

Level of difficulty of exam was similar or less difficult than the practice exam. Other practice material uses harder questions.
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

ejph8000@yahoo.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes
☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.
☐ No. 2nd time.
☑️ No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
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- Support Knowledge

Additional Comments? Words of advice?

Need ALL formulas as reference in just a few pages
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

sean.brown1235@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

Yes
No

Is this your first time taking the exam?

Yes, this is my first time taking the PE exam.
No. 2nd time.
No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
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- [x] Other: FE NCEES Reference Book

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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

ellison.brittney@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

☐ Yes

☐ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.

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How confident are you in your performance on the PM exam? Guessing is defined as not knowing the exact answer (choosing between 2 or more of the solutions).

- Extremely confident (I feel that I knew the correct answers to nearly all of the questions and and guessed on less than 5 questions).
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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics ✔
- Psychrometrics ✔
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance ✔
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

sameh.bolous@csu.fullerton.edu

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours.
- 201 to 300 hours.
- 301 to 400 hours. (Selected)
- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years (Selected)
- 3 to 4 years
- 4 to 5 years
- More than 5 years
- Other:...........................................................................................................................................
Which references would you recommend for the exam? *

- Personal study notes and cheat sheets.
- NCEES HVAC & Refrigeration sample PE exam.
- ASHRAE Fundamentals
- ASHRAE Systems
- ASHRAE Equipment
- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
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- PPI Engineering Unit Conversions
- NFPA 90A/B

Other:  

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https://docs.google.com/forms/d/1GHQiTqEscl4ijxqplcEGu9iKv_2QEFNmoGeS4Wd9to/edit#responses
What were your least confident topics? Select 3.

- [ ] Basic Engineering Practice
- [ ] Thermodynamics
- [ ] Psychrometrics
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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

sbolo001@ucr.edu

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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✔ Support Knowledge

Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

sam@hcong.net

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- NFPA 90A/B
- Other: 

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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

nnaumovs@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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- ASHRAE Equipment
- ASHRAE Refrigeration
- MER
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B
- Other: HVAC Rules Of Thumb

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

park.michaelyoung@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

○ Yes
○ No

Is this your first time taking the exam?

○ Yes, this is my first time taking the PE exam.
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- [ ] 2 to 3 years
- [ ] 3 to 4 years
- [ ] 4 to 5 years
- [ ] More than 5 years
- [ ] Other: ___________________________________________________________
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- [x] ASHRAE Refrigeration
- [x] MERM
- [x] 6 Minute Solutions
- [ ] Engineering Pro Guides Technical Study Guide
- [ ] PPI Engineering Unit Conversions
- [ ] NFPA 90A/B
- [ ] Other: 

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What were your least confident topics? Select 3.

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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

Mp57078@hotmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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How many hours did you study for this exam?

- 0 to 100 hours.
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How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years.
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- Other: __________________________________________
Which references would you recommend for the exam? *

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- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B
- Other: Mechanical Engineering Dictionary

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HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

bakuengineer@gmail.com

If you did not pass, what was your score out of 80?

56

Did you pass the exam? *

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- No

Is this your first time taking the exam?

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HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

jonathan.gasser@uky.edu

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Did you pass the exam? *

- Yes
- No

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Additional Comments? Words of advice?
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Email address *

jedgarguardado@gmail.com

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- 401 to 500 hours.
- More than 501 hours.

How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

- 2 to 3 years
- 3 to 4 years
- 4 to 5 years
- More than 5 years
- Other: _______________________________________________________________
Which references would you recommend for the exam? *

- Yes, Personal study notes and cheat sheets.
- Yes, NCEES HVAC & Refrigeration sample PE exam.
- Yes, ASHRAE Fundamentals
- Yes, ASHRAE Systems
- Yes, ASHRAE Equipment
- Yes, ASHRAE Refrigeration
- No, MERM
- No, 6 Minute Solutions
- No, Engineering Pro Guides Technical Study Guide
- No, PPI Engineering Unit Conversions
- No, NFPA 90A/B
- No, Other: 

How confident are you in your performance on the AM exam? Guessing is defined as not knowing the exact answer (choosing between 2 or more of the solutions).

- Not as confident (I do not feel confident, I guessed on more than 15 questions).
- Confident (I feel confident that I guessed on not more than 15 questions).
- Very confident (I feel that I knew the correct answers to most of the questions and guessed on not more than 10 questions).
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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
What were your least confident topics? Select 3.

☐ Basic Engineering Practice
☐ Thermodynamics
☐ Psychrometrics
☐ Heat Transfer
☐ Fluid Mechanics
☐ Energy/Mass Balance
☐ Heating/Cooling Loads
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☐ HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
☐ Support Knowledge

Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

bouls_sameh@hotmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- [ ] 0 to 100 hours.
- [ ] 101 to 200 hours.
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- [ ] 301 to 400 hours.
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How many years of engineering experience do you have at the time of the exam in the fields tested by the exam?

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What were your least confident topics? Select 3.

☐ Basic Engineering Practice

☑ Thermodynamics

☐ Psychrometrics

☐ Heat Transfer

☐ Fluid Mechanics

☐ Energy/Mass Balance

☐ Heating/Cooling Loads

☐ HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)

☐ HVAC Systems & Components (air/liquid distribution, refrigeration, energy recovery, controls)

☐ Support Knowledge

Additional Comments? Words of advice?

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

Nnaumovs@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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☐ Energy/Mass Balance

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☐ HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)

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☐ Support Knowledge

Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

mohannadmahdi2@gmail.com

If you did not pass, what was your score out of 80?

mohannadmahdi2@gmail.com

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
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- ✓ ASHRAE Refrigeration
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Other: ........................................................................................................................................................................

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What were your most confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics ✔
- Psychrometrics ✔
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance ✔
- Heating/Cooling Loads ✔
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants) ✔
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls) ✔
- Support Knowledge
What were your least confident topics? Select 3.

- [x] Basic Engineering Practice
- [ ] Thermodynamics
- [ ] Psychrometrics
- [ ] Heat Transfer
- [x] Fluid Mechanics
- [ ] Energy/Mass Balance
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Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

conquera89@yahoo.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
- No. I have taken the exam more than 2 times.
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Other: ........................................................................................................

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- [ ] Basic Engineering Practice
- [ ] Thermodynamics
- [ ] Psychrometrics
- [ ] Heat Transfer
- [ ] Fluid Mechanics
- [ ] Energy/Mass Balance
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Additional Comments? Words of advice?

Engineering Pro Guides is a MUST! I paid for School Of PE as well and it was disappointing. My advise is to read and do all problems in the study guide, take the Eng Pro Practice test, as well as the NCEES practice tests and you'll be fine.

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

annarstanley@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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How many hours did you study for this exam?

- 0 to 100 hours.
- 101 to 200 hours.
- 201 to 300 hours. [Corrected]
- 301 to 400 hours.
- 401 to 500 hours.
- More than 501 hours.

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- 2 to 3 years.
- 3 to 4 years.
- 4 to 5 years. [Corrected]
- More than 5 years.
- Other: ________________________________
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- ASHRAE Refrigeration
- MERM
- 6 Minute Solutions
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions

- NFPA 90A/B
- Other: ____________________________________________

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HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

nav6188@gmail.com

If you did not pass, what was your score out of 80?

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

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- No. 2nd time.
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Additional Comments? Words of advice?

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Google Forms
HVAC & Refrigeration PE Exam Survey - April 2017

A survey that gauges your level of preparedness and compares this level with your total number of study hours and references used during the exam.

Email address *

habtomnu@gmail.com

If you did not pass, what was your score out of 80?

56

Did you pass the exam? *

- Yes
- No

Is this your first time taking the exam?

- Yes, this is my first time taking the PE exam.
- No. 2nd time.
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- [x] Support Knowledge

Additional Comments? Words of advice?
HVAC & Refrigeration PE Exam Survey - April 2017

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Email address *

asvpab@gmail.com

If you did not pass, what was your score out of 80?

48

Did you pass the exam? *

☐ Yes

☒ No

Is this your first time taking the exam?

☐ Yes, this is my first time taking the PE exam.

☒ No. 2nd time.

☐ No. I have taken the exam more than 2 times.
How many hours did you study for this exam?

- 0 to 100 hours.
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- 4 to 5 years
- More than 5 years
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- ASHRAE Equipment
- MERM
- Engineering Pro Guides Technical Study Guide
- PPI Engineering Unit Conversions
- NFPA 90A/B
- Other: Test Masters

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- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
- HVAC Systems & Components (air/fluid distribution, refrigeration, energy recovery, controls)
- Support Knowledge
What were your least confident topics? Select 3.

- Basic Engineering Practice
- Thermodynamics
- Psychrometrics
- Heat Transfer
- Fluid Mechanics
- Energy/Mass Balance
- Heating/Cooling Loads
- HVAC Equipment & Components (cooling towers, pumps, fans, coils, heat exchangers, chillers, compressors, evaporators, refrigerants)
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Additional Comments? Words of advice?