



Republic of the Philippines
Professional Regulation Commission
Manila



NOT FOR SALE

PROFESSIONAL REGULATORY BOARD OF CHEMICAL ENGINEERING

**PROGRAM OF THE CHEMICAL ENGINEERING LICENSURE
EXAMINATION IN MANILA, BAGUIO, ILOILO, DAVAO, LEGAZPI, CAGAYAN DE ORO AND
CEBU CITIES ON MAY 17, 18 AND 19, 2022.**

<u>DATE AND TIME</u>	<u>S U B J E C T S</u>	<u>WEIGHT</u>	Remarks
<u>TUESDAY, MAY 17, 2022</u>			
7:00 A.M. - 7:45 A.M. -	GENERAL INSTRUCTIONS FILLING OUT OF FORMS		
8:00 A.M. - 2:00 P.M. -	<u>PHYSICAL AND CHEMICAL PRINCIPLES</u> General Inorganic Chemistry; Organic Chemistry; Analytical Chemistry; Physical Chemistry; Biochemical Engineering; and Environmental Engineering	-30%	Use of Perry's Handbook (8 th or 9 th editions) and Updated Periodic Table Allowed
<u>WEDNESDAY, MAY 18, 2022</u>			
8:00 A.M. - 5:00 P.M. -	<u>CHEMICAL ENGINEERING PRINCIPLES</u> Chemical Engineering Calculations; Chemical Engineering Thermodynamics; Reaction Kinetics; Unit Operations; Chemical Process Industries, Plant Design; and Instrumentation and Process Control	- 40%	Use of Perry's Handbook (8 th or 9 th editions) and Updated Periodic Table Allowed
<u>THURSDAY, MAY 19, 2022</u>			
8:00 A.M. - 2:00 P.M. -	<u>GENERAL ENGINEERING, ETHICS AND CONTRACTS</u> Mathematics; Physics; Engineering Mechanics; Strength of Materials; Engineering Economics; and Laws, Contracts and Ethics	- 30%	Use of Handbook and Periodic Table NOT ALLOWED
		<u>TOTAL</u>	100%

GENERAL INSTRUCTIONS:

1. Check or verify your school/building assignments at the PRC official website (www.prc.gov.ph) or through the Notices/Announcements to be posted at the PRC premises two (2) to three (3) working days before the date of the examination.
2. Report to the school/building assignment before 5:30 AM on the first day of the examination to verify your room and seat number. Be punctual. Late examinees will not be admitted.
3. Examinees are required to wear the following attire every examination day:
 1. Male Examinees - White polo shirt with collar (without any seal, logo or mark)
Decent pants or slacks
 2. Female Examinees - White blouse or shirt with collar (without any seal, logo or mark)
Decent skirt or slacks

4. Bring the following on examination day:

- a. Notice of Admission
- b. Official Receipt
- c. Two or more pencils (No. 2)
- d. Ball pens with **BLACK ink only**
- e. One (1) piece long brown envelope
- f. One (1) piece long transparent/plastic envelope (for keeping your valuables and other allowed items)
- g. Health Forms
- h. Negative RT-PCR Test Results, if applicable, or Certificate of Quarantine or Certificate or copy of the Complete Vaccination Card for fully vaccinated examinees to the proctor on the examination day.

5. The following items are strictly **PROHIBITED** inside the examination premises/rooms.

- a. Books, notes, review materials, and other printed materials containing coded data/information/formula.
- b. **Calculators which are programmable or with embedded functions especially CASIO FX991ES and CASIO FX-991ES plus**
- c. **APPLE, SAMSUNG AND OTHER SMART WATCHES, CELLULAR PHONES, EAR PLUGS, TRANSMITTERS, PORTABLE COMPUTERS, BLUETOOTH AND OTHER ELECTRONIC GADGETS/DEVICES WHICH MAY BE USED FOR COMMUNICATION PURPOSES**
- d. Bags of any kind (ladies bag, shoulder bags, attaché case, backpacks, etc.)
- e. Other examination aids not stated in this program.

6. Per Joint Administrative Order No. 01 (s 2021)¹, the following Health Standards for Examinees and PRC Examination personnel shall be observed.

6.1. All examinees and examination personnel shall enforce the following precautionary measures among themselves:

- 6.1.1. Observe physical distancing of at least two (2) meters between examinees. Examinees shall be restricted to their assigned seat;
- 6.1.2. Wear face mask (at least 3-ply surgical mask, preferably N95 mask) and face shield² at all times;
- 6.1.3. Bring 70% ethyl alcohol for hand disinfection;
- 6.1.4. Wear latex gloves for exam personnel handling the test questionnaires;
- 6.1.5. Avoid close contacts like “beso-beso”, hugging, handshake, and directly touching other persons;
- 6.1.6. Avoid touching one’s eyes, nose, and mouth;
- 6.1.7. When sneezing and/or coughing, facial tissues must be used to wipe the nose and mouth areas. Dispose of used facial tissues properly; and
- 6.1.8. Avoid spitting in public, on floors, and in corridors.

6.2. Examinee shall submit the duly accomplished Informed Consent (Annex “A”) and Health Declaration (Annex “B”) forms with the Notice of Admission (NOA) and the negative RT-PCR test result/Quarantine Certificate or copy of the Complete Vaccination Card to the proctor on the examination day.

Informed Consent and Health Declaration Forms can be downloaded from the PRC official website (www.prc.gov.ph);

6.3. Examinees and examination personnel shall bring their own meals (pre-packed meal/snack and drink) to be eaten during breaks, on their assigned seats. Face masks and face shields will only be removed when taking meals or drinks.

6.4. Windows will be opened to improve ventilation during breaks.

¹ PRC, DOH, and PNP JAO, entitled “Revised Standard Guidelines on the Strict Observance of Health Protocols in the Conduct of Licensure Examinations during Public Health Emergency and/or Pandemic”

² Because the exam room is an enclosed area for eight (8) hours, it is highly advisable for the examinees to wear their face shields at all times.

- 6.5. Examinees shall bring their own pens, pencils, and erasers. Borrowing from a seatmate is strictly not allowed.
- 6.6. Talking and loitering are prohibited in the hallways or in the examination room.
- 6.7. Physical distancing shall be strictly observed in the queuing of the examinees entering the testing venues;
- 6.8. All examinees and examination personnel shall undergo temperature scanning:
 - 6.8.1. Only examinees with a temperature of less than or equal to 37.5 degrees Celsius shall be allowed to enter the testing venue;
 - 6.8.2. Examinee with a temperature of more than 37.5 degrees Celsius (37.5°C) shall be referred to the Building Supervisor, who shall refer the concerned examinee to onsite medical doctor/personnel for assessment. The examinee will not be allowed to take the rest of the examination.
- 6.9. Examinees shall proceed immediately to their designated examination rooms after the thermal scanning/screening.
- 6.10. During the examination proper, the following shall be strictly observed:
 - 6.10.1. Watchers/Proctors and examinees shall practice social distancing measures at all times within the examination rooms, particularly when examinees submit their answer sheets and test booklets/questionnaires; only one examinee at a time shall be accommodated;
 - 6.10.2. Any examinee who needs to use the restroom shall be accompanied by a room watcher/proctor, always maintaining social distancing measures. Only one examinee at a time shall be allowed to go to the restroom. Proper hand hygiene shall be observed particularly every after use of the restrooms; and
 - 6.10.3. Protective facemasks and handkerchiefs/tissue shall be inspected by room watchers/proctors before the start of every subject and, if necessary, during the conduct of examination to ensure that they are not used to conceal codigos. In compliance with social distancing measures, the inspection shall be done one at a time, while the rest of the examinees are seated. Examinees must show all the angles of their facemasks and handkerchiefs to the room watcher/proctor for inspection, from a distance of at least one (1) meter from the examinee.
7. All examinees shall be required to download and fill-out a Post Examination Health Surveillance Form and submit the same fourteen (14) days after the examination through the designated Regional Offices' email address. The said form can be downloaded from the PRC official website <http://www.prc.gov.ph>.
8. In addition to the above, the examinees are required to submit results of their RT-PCR or Saliva tests from any of the Department of Health (DOH) accredited facilities 3-5 days before the examination date/s, if falling under the groups stated in DOH Memorandum 2020-258A³. Only those examinees with negative results shall be allowed to take the examination.

If the examinee does not fall in the groups mentioned in DOH Memorandum 2588-A (s 2020), he/she shall be allowed to take the examination in the absence of RT-PCR test provided that he/she must undergo a fourteen (14)-day quarantine period wherein he/she is asymptomatic for at least fourteen (14) days prior to the scheduled examination date/s. Provided further that he/she has no close contact or exposure to the aforementioned cases. A Certificate of Quarantine or its equivalent signed by any of the following shall be submitted instead:

1. Duly licensed Physician (government or private physician);
2. Municipal Health Officer, Provincial Health Officer or City Health Officer;

³ Updated Interim Guidelines on Expanded Testing for COVID-19

3. Barangay Officer visiting the examinee's residence or examination personnel attesting that he/she has been in quarantine for fourteen (14) days.

Examinees coming from other countries are required to quarantine for fourteen (14) days in any government accredited facility and/or provide a negative RT-PCR/ Saliva test result whichever is shorter.

9. Please see this link <https://www.prc.gov.ph/sites/default/files/JAO%202021-01%20PRC%20DOH%20PNP.pdf> for detailed information on JAO 01(s 2021).

10. Read carefully and follow the instructions on your Notice of Admission and Examinees Guide.

11. Use of Perry's Chemical Engineers' Handbook (8th-2008 or 9th-2009 editions) and updated Periodic Table in separate shall be allowed **ONLY in "Physical and Chemical Principles" and in "Chemical Engineering Principles"**

- a. The examinees have to choose which of the two editions to bring inside the examination room. Only 1 handbook is allowed per examinee.
- b. Handbook must be in its original printed form. Photocopy or xerox copy is not allowed.
- c. Handbook must not have any handwritten formula, sample problem, notation or any such kind of writing or added information.
- d. Insertion of photocopied pages, printed sheets or any other form of written materials is strictly prohibited.
- e. Only bookmarks, tabs, underlines and highlights are allowed.
- f. **Any loose sheet shall not be permitted.**

The proctors/watchers reserve the right to confiscate and/or refuse the use of Handbook found questionable or in violation of the above restrictions. Any willful attempt to use the Handbook as a means to cheat shall be dealt with accordingly and shall be a ground for disqualification from taking the licensure examination.

12. In the "General Engineering, Ethics and Contracts" subject (on Day 3, May 19, 2022), the use of Handbook and Periodic Table is strictly not allowed.

NOTE: PERSONAL BELONGINGS BROUGHT BY AN EXAMINEE SHALL BE FOR HIS/HER OWN ACCOUNT. THE PRC WILL NOT BE ANSWERABLE FOR ANY SUCH ITEM OR PERSONAL BELONGING THAT MIGHT BE LOST DURING THE EXAM WITHOUT FAULT OR NEGLIGENCE ON ITS PART.

Manila, Philippines
January 18, 2022

APPROVED:

Ofelia V. Bulaong
OFELIA V. BULAONG
Chairperson



CERTIFIED CORRECT:

Lovelika T. Bautista
ATTY. LOVELIKA T. BAUTISTA
Chief, PRB Secretariat Division



PRB-ChE/D-SRB
OVb/LTB/MADC/dette

MADC

