

# Republic of the Philippines Professional Regulation Commission Manila

## **NOT FOR SALE**

#### PROFESSIONAL REGULATORY BOARD OF CHEMICAL ENGINEERING

# SPECIAL PROFESSIONAL LICENSURE EXAMINATION PROGRAM OF THE CHEMICAL ENGINEERS LICENSURE EXAMINATION ON JUNE 6, 7 and 8, 2025

PRINCIPLES Chemistry for Engineers; Analytical Chemistry; Organic Chemistry; Physical Chemistry for Engineers; Fundamentals of Material Science; Environmental Science and Engineering  Saturday, June 7, 2025  8:00 AM – 5:00 PM  CHEMICAL ENGINEERING PRINCIPLES Chemical Engineering Calculations; Chemical Engineering Thermodynamics; Solution Thermodynamics; Transport Phenomena and Momentum Transfer; Heat and Mass Transfer; Particle Technology; Separation Processes; Chemical Reaction Engineering; Plant Design; Biochemical Engineering  Sunday, June 8, 2025  8:00 AM – 3:00 PM  GENERAL ENGINEERING Engineering Calculus; Engineering Calculus; Engineering Data Analysis; Industrial Process Safety; Engineering Mechanics; Laws and Ethics for Chemical Engineers And Process Control and Analysis; Chemical Process Industries; Industrial Waste Management and Control	DATE AND TIME	SUBJECTS	WEIGHT	REMARKS
FILLING OUT OF FORMS  8:00 AM – 3:00 PM  PHYSICAL AND CHEMICAL PRINCIPLES Chemistry for Engineers; Analytical Chemistry; Organic Chemistry; Organic Chemistry; Physical Chemistry for Engineers; Fundamentals of Material Science; Environmental Science and Engineering  8:00 AM – 5:00 PM  CHEMICAL ENGINEERING PRINCIPLES Chemical Engineering Calculations; Chemical Engineering Thermodynamics; Solution Thermodynamics; Transport Phenomena and Momentum Transfer; Heat and Mass Transfer; Particle Technology; Separation Processes; Chemical Reaction Engineering; Plant Design; Biochemical Engineering  Sunday, June 8, 2025  Sunday, June 8, 2025  Sender Allowed  Sengineering Calculus; Engineering Calculus; Engin				
PRINCIPLES Chemistry for Engineers; Analytical Chemistry; Organic Chemistry; Physical Chemistry for Engineers; Fundamentals of Material Science; Environmental Science and Engineering  Saturday, June 7, 2025  8:00 AM – 5:00 PM  CHEMICAL ENGINEERING PRINCIPLES Chemical Engineering Calculations; Chemical Engineering Thermodynamics; Orlemical Engineering Thermodynamics; Transport Phenomena and Momentum Transfer; Heat and Mass Transfer; Particle Technology; Separation Processes; Chemical Reaction Engineering; Plant Design; Biochemical Engineering  Sunday, June 8, 2025  8:00 AM – 3:00 PM  GENERAL ENGINEERING Engineering Calculus; Engineering Calculus; Engineering Calculus; Engineering Machanics; Industrial Process Safety; Engineering Mechanics; Laws and Ethics for Chemical Engineers And Process Control and Analysis; Chemical Engineers and Control  Allowed  Allowed  Allowed  Use of Perry's Handbook And Updated Periodic Table Allowed  Allowed	7:00 AM – 7:45 AM			
## CHEMICAL ENGINEERING PRINCIPLES Chemical Engineering Calculations; Chemical Engineering Thermodynamics; Solution Thermodynamics; Transport Phenomena and Momentum Transfer; Heat and Mass Transfer; Particle Technology; Separation Processes; Chemical Reaction Engineering; Plant Design; Biochemical Engineering   **Sunday, June 8, 2025**  **B:00 AM – 3:00 PM**  **GENERAL ENGINEERING** Engineering Calculus; Engineering Calculus; Engineering Data Analysis; Differential Equations; Industrial Process Safety; Engineering Mechanics; Laws and Ethics for Chemical Engineers And Process Control and Analysis; Chemical Process Industries; Industrial Waste Management and Control  **GENERAL ENGINEERING**  **And Process Safety; Process Control and Analysis; Chemical Process Industries; Industrial Waste Management and Control  **Table Allowed**  **Use of Perry's Handbook And Updated Periodic Table  **And Updated Periodic Table  **Table Table  **And Updated Periodic Tabl		PRINCIPLES Chemistry for Engineers; Analytical Chemistry; Organic Chemistry; Physical Chemistry for Engineers; Fundamentals of Material Science; Environmental Science and	30 %	Table
8:00 AM – 3:00 PM  GENERAL ENGINEERING  Engineering Calculus; Engineering Data Analysis; Differential Equations; Industrial Process Safety; Engineering Management; Engineering Mechanics; Laws and Ethics for Chemical Engineers And Process Safety; Process Control and Analysis; Chemical Process Industries; Industrial Waste Management and Control  Use of Perry's Handbook And Updated Periodic Table Allowed  And Updated Periodic Table Allowed	8:00 AM – 5:00 PM	PRINCIPLES Chemical Engineering Calculations; Chemical Engineering Thermodynamics; Solution Thermodynamics; Transport Phenomena and Momentum Transfer; Heat and Mass Transfer; Particle Technology; Separation Processes; Chemical Reaction Engineering; Plant Design;	40 %	Table
TOTAL 100 %		Engineering Calculus; Engineering Data Analysis; Differential Equations; Industrial Process Safety; Engineering Economics; Engineering Management; Engineering Mechanics; Laws and Ethics for Chemical Engineers And Process Safety; Process Control and Analysis; Chemical Process Industries; Industrial Waste Management and Contro		Table

## **GENERAL INSTRUCTIONS:**

- 1. The **NOTICE OF ADMISSION** will be issued at the MWO/testing centers.
- 2. Please bring original documents with you for final evaluation and four (4) pieces passport size pictures with name tag.
- a. Notice of Admission
- b. Official Receipt
- c. One (1) piece metered-stamped window mailing envelope
- d. Two (2) or more pencils (No. 2)

- Ballpens 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 g. allowed items)
- NON-PROGRAMMABLE CALCULATORS (Please refer to Commission Resolution No. 1809-2024 or the "Updated list of Non-Programmable Calculators Allowed to be used in the Licensures Examinations")
- One (1) clear and clean copy of 2 x 2 colored picture (preferably in white background) with name tag, and the complete address and school written at back of the picture. Put picture in a letter envelope with your name legibly written outside.

NOTE: ONLY ONE CALCULATOR SHALL BE ALLOWED INSIDE THE EXAMINATION ROOM. CALCULATORS SHALL BE INSPECTED AND HAVE TO BE RESET BEFORE THE START OF THE EXAMINATION.

- The following items are strictly **PROHIBITED** inside the examination premises/rooms. 1.
- Books, notes, review materials, and other printed materials containing coded data/information/formula.
- PROGRAMMABLE CALCULATORS or calculators with embedded functions especially CASIO FX991ES and CASIO FX-991ES plus APPLE, SAMSUNG AND OTHER SMART WATCHES, CELLULAR PHONES, EAR PLUGS, TRANSMITTERS, PORTABLE COMPUTERS, BLUETOOTH AND OTHER ELECTRONIC GADGETS/DEVICES WHICH MAY BE USED TO STORE OR RETRIEVE DATA/INFORMATION AND/OR TO COMMUNICATE FOR WHATEVER PURPOSES
- Bags of any kind (ladies bag, shoulder bags, attaché case, backpacks, etc.)
- d. Other examination aids not stated in this program.

The rules on the conduct of bodily search, inspection of personal belongings of the examinees, and the seizure/confiscation of prohibited items during the licensure exam (Annex A of PRC Memorandum Order No. 57, s. 2020) shall be strictly observed.

- 5. Read carefully and follow the instructions on your Notice of Admission and Examinees Guide.
- Examinees shall follow the health and safety protocols being implemented by the host country.

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 March 25, 2025

**APPROVED:** 

MARIORIS C. VINES Chairperson

**CERTIFIED CORRECT:** 

ATTY. LOVELIKA T. BAUTISTA

Chief, PRB Secretariat Division

PRB-ChE/O-LO/D-SPRB OVB/AGR/LTB/MADC/dette