

**[PRC BOARD OF AGRICULTURAL ENGINEERING
RESOLUTION NO. 01, S 1998, August 03, 1998]**

**RULES AND REGULATIONS IMPLEMENTING REPUBLIC ACT NO.
8559 (THE PHILIPPINE AGRICULTURAL ENGINEERING ACT OF
1998)**

Pursuant to Section 29, Article V of Republic Act No. 8559, otherwise known as the "Philippine Agricultural Engineering Act of 1998", the following rules and regulations is hereby adopted and promulgated to carry out the provisions of the Act.

Article I

Title, Purposes and Definition of Terms

Section 1. Title. — This Resolution shall be known and cited as the "Rules and Regulations Implementing the Philippine Agricultural Engineering Act of 1998."

Section 2. Purpose. — This Rules and Regulations is formulated and adopted to prescribe the procedures in carrying out the provisions of R.A. No. 8559 and —

- a. To ensure an efficient administration of and a reliable and honest licensure examination for the registration of agricultural engineers;
- b. To effectively supervise and regulate the practice of the agricultural engineering profession; and
- c. To ensure, in coordination with the Commission on Higher Education (CHED), that all institutions offering agricultural engineering education comply with the policies, standards and requirements of the course prescribed by the CHED in the areas of curriculum, faculty, library and facilities.

Section 3. Definition of Terms. — Unless otherwise provided, the following terms shall mean:

- a. *Commission* — shall mean the Professional Regulation Commission (PRC) created under P.D. No. 223, as amended.
- b. *Commissioner* — shall mean the Chairman of the Professional Regulation Commission.
- c. *Board* — shall mean the Board of Agricultural Engineers.
- d. *Practice of Agricultural Engineering* — shall refer to the application of the fundamental and known principles of engineering to the peculiar condition and requirements of agriculture as an industry and as a field of science, and shall include, but not limited to the following:

1. Consultation, valuation, investigation and management services on agricultural engineering;
2. Preparation of engineering designs, plans, specifications, project studies and estimates, and the supervision and other management services on the construction, installation, operation and maintenance of agricultural, aquaculture and fishery, and forest product machinery, agricultural buildings and structures, farm electrification and energy systems, agricultural processing equipment, irrigation and soil conservation systems and facilities, agricultural waste utilization system and facilities and other agricultural engineering facilities/services, systems and technologies;
3. Conducting research and development, training and extension work, consultancy services on agricultural engineering facilities/services, system and technologies;
4. Testing, evaluation and inspection of agricultural, fishery and forest product machinery and other related agricultural engineering facilities and equipment;
5. Management, manufacturing and/or marketing of agricultural machinery and other related agricultural engineering facilities, equipment, services, systems and technologies.
6. Teaching agricultural engineering subjects in institutions of learning in the Philippines accredited by the Commission on Higher Education;
7. Employment with the government provided such item or position requires the knowledge and expertise of an agricultural engineer. Such item or position may include but not limited to Science Research Specialist, Planning Officer, Project Development Officer, Manager and Director in accordance with the prescribed qualification standards.

e. *Agricultural Engineering License* — shall refer to the professional license issued by the Commission.

f. *Certificate of Registration* — shall refer to the certificate issued by the Board after passing the required examination and upon completion of all requirements prescribed by the said Board.

g. *Syllabus* — shall refer to a table of specification containing the contents, systematically arranged by topics and subtopics, of the subjects in the curriculum of the course to be covered in the Licensure Examination for Agricultural Engineers.

h. *Licensure Examination for Agricultural Engineers* — shall refer to the examination required to be taken and passed for registration as Agricultural Engineer.

i. *Integration* — shall mean the unification or consolidation of existing organizations of Agricultural Engineers into one national organization which shall be recognized by the Board and the Commission as the only integrated and accredited association of Agricultural Engineers.

j. *Agricultural Engineer* — shall refer to a natural person who has been issued a certificate of registration by the Board of Agricultural Engineering and has taken the oath of profession of Agricultural Engineers.

k. *Agricultural Engineering Facilities, Services, System and Technologies* — shall refer to: (1) agricultural machinery, equipment and power units; (2) agricultural buildings and structures; (3) agricultural electrification and energy; (4) agricultural processing and food engineering; (5) soil and water conservation; (6) irrigation and drainage and water resources management; (7) agricultural waste disposal and utilization and environmental management; (8) agricultural information resources and technology; (9) agricultural instrumentation and control; (10) fishery and aquacultural resources engineering and (11) forest product resource engineering.

l. *Agricultural Machinery Equipment and Power Units* — shall consist of all farm power and equipment for the production, processing, storage, manufacturing, preserving, transporting and distribution of agricultural, fishery, aquaculture and forestry products. It includes tractor and their attachment, power tillers, seeders, transplanters, equipment, windmill, slaughtering equipment, meat processing equipment, fishery and aquaculture and forest processing equipment, post harvest machines such as milling machinery, dryer, thresher, etc., and agricultural transport machinery.

m. *Agricultural Buildings and Structures* — shall include silos and its components, agricultural machinery and equipment, sheds, farm houses, green/screen houses, poultry houses, piggery houses, slaughterhouses, farm to market roads, farm bridges, agricultural products storage/warehouse, buildings and structures for poultry, livestock and fishery production and processing, agricultural processing, kiln drying and lumber treatment structure, farm equipment, farm supplies and other structures such as self feeders, and soil and water conservation structures.

n. *Agricultural Electrification and Energy* — shall embrace the design and installation of electric system for agriculture, conservation equipment, micro-hydro-electric generators and motors for power on the farm, village level power plant including the development and operation of conventional and non-conventional energy equipment and facilities for agricultural purposes.

o. *Agricultural Processing and Food Engineering* — shall include local activity or series of activities to maintain or raise the quality or change the form or characteristics of agricultural, fishery and forestry products. It also includes cleaning, sorting, grading, treating, drying, dehydrating, grinding, mixing, milling, canning, dressing, slaughtering, freezing, pasteurizing, conditioning, packaging, repacking, transporting, etc. of agricultural, fishery and forestry products.

p. *Soil and Water Conservation* — shall consist of management practices for small farm reservoir, farm ponds, small water impoundments to include contour farming; terracing; use of erosion control structures; land conditioning, mulching, flood control, agricultural planning and surveying and agricultural meteorology.

q. *Irrigation and Drainage and Water Resources Management* — shall include the design, construction, installation, operation and maintenance of irrigation and agricultural drainage systems, drip, sprinkler and other pressurized irrigation

system; hydro-meteorology; surface and ground water resource management, irrigation structures and facilities such as dams, weirs, pump systems, conveyances, canals and flumes.

r. *Agricultural Waste Disposal, Utilization and Environmental Management* — shall consist of the development of systems, processes and equipment for agricultural waste disposal and utilization and environment-friendly technologies such as compost plant, biogas plant, biomass utilization technologies, systems and processes.

s. *Agricultural Information Resources and Technologies* — shall include utilization of agricultural information systems, database and other information management tools for agricultural use, and the application of computers to agriculture.

t. *Agricultural Instrumentation and Control* — shall include measuring instruments and control system for agricultural applications such as moisture meters, weighing scale, other metrology equipment and the like.

u. *Fishery and Aquaculture Resource Engineering* — shall involve the design, construction, installation, operation, maintenance and management of machinery, equipment and facilities for fishery and aquaculture production, processing, transporting and marketing such as fish ponds, fish pens/cages, aerators, fish handling equipment and machinery and fish cold storage.

v. *Forest Product Resources Engineering* — shall involve the design, construction, installation, operation, maintenance of systems and facilities, machinery and equipment for forest product and by-products processing, transporting and marketing.

Article II Official Seal of the Board

Section 4. Official Seal of the Board. — The Board shall adopt its official seal.

Article III Composition and Meetings of the Board

Section 5. Composition. — The Board of Agricultural Engineering shall be composed of a Chairman and two (2) members who shall be appointed by the President of the Philippines from a list of three (3) recommendees for each position chosen by the Commission from the list of nominees selected and submitted by the integrated and accredited association of agricultural engineers.

Section 6. Terms of Office. — The members of the Board shall hold office for a term of three (3) years and until their successors shall have been appointed and qualified. Of the members first appointed under R.A. No. 3559, the Chairman shall be appointed and hold office for three (3) years; one (1) member for two (2) years; and one (1) member for one (1) year.

The Chairman or a member of the Board may be reappointed for another term but in no case shall he serve continuously for more than six (6) years.

Section 7. Board, a Collegial Body. — The Chairman and Members of the Board shall act as a collegial body in matters involving the exercise of its powers and functions as well as the implementation of its policies. Official action on such matters by the Board shall be effective only when approved by the Commission.

Section 8. Meetings. — The Board shall hold regular meetings at least once a month within the premises of the Commission or in such other places as may be agreed upon and approved by the Commission. A special meeting may be called by the Chairman or any two members.

The Chairman shall preside over the meetings of the Board. In the absence of the Chairman, the senior member, if any, or the member designated by the Chairman shall act as Presiding Officer.

Article IV Duties and Responsibilities of the Board

Section 9. Duties and Functions of the Chairman. — The Chairman shall be the head of the Board and, as such, he shall equitably assign the subjects for examination to the members of the Board in accordance with their expertise; designate members to conduct investigations of administrative cases and designate members to undertake the visitorial powers of the Board. He shall also be responsible for the assignment of other duties and responsibilities to the members and for the supervision and management of their work. The Chairman shall be the spokesman of the Board in the Commission.

Section 10. Enforcement and Implementation. — The Board, in the enforcement and implementation of the provisions of Republic Act No. 8559 and in the execution and performance of its powers, duties and functions and responsibilities provided therein, shall be assisted, supported and/or advised by the Commission through its offices, divisions, sections and units.

Section 11. Promulgation of Decisions, Rules, Orders, etc. — To promulgate a decision, resolution or order which is not interlocutory in an administrative case, or a policy, rule or regulation and for the implementation of other provisions of R.A. No. 8559, the Board shall meet en banc and vote personally. Both a quorum and a majority vote are required for the validity of any of the foregoing actions. The presence of two (2) members shall constitute a quorum and the vote of two (2) members shall constitute a majority vote.

Any official action of the Board other than a decision, resolution or order issued in an administrative case shall be valid, enforceable, and effective only after it shall have been approved by the Commission and published in the Official Gazette or newspaper of general circulation. Publication shall not be required of a Board's resolution, order, or other issuances which are internal or not penal or disciplinary in nature, and not affecting the public in general.

Section 12. Meetings and Official Business with the Commission. — Unless all members of the Board are required by the Commission, the Chairman shall be the representative of the Board in all official meetings and businesses with the Commission. The Chairman of the Board shall be the spokesman in such meetings or official businesses.