

## **ENFORCING THE EXISTING PHILIPPINE AGRICULTURAL ENGINEERING STANDARDS AS INTEGRAL PARTS IN THE DESIGN, CONSTRUCTION, REPAIR AND MAINTENANCE OF AGRICULTURAL BUILDINGS AND FACILITIES**

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WHEREAS, DA Administrative Orders No. 10, series of 2002, No. 6, series of 2003 and No. 11, series of 2003 have adopted the Philippine Agricultural Engineering Standards (PAES) Volume 1, 11 and 111 respectively, and require all concerned DA bureaus, attached agencies, corporations and regional field units to comply with these standards;

WHEREAS, the Philippine Agricultural Engineering Standards Volumes 1, 11 and 111 covers standards on twenty one (21) agricultural buildings and facilities used for the production, processing and marketing of agricultural products and by-products;

WHEREAS, efficiently designed and well functioning agricultural buildings and facilities that conform to the Philippine Agricultural Engineering Standards are vital and necessary requirements in the production, processing and marketing of agricultural and fishery products, and in the implementation of the Agriculture and Fisheries Modernization Act of 1997;

WHEREAS, the Board of Agricultural Engineering (BOAE) of the Professional Regulations Commission through its Resolutions No. 05, series of 2002, No. 1, series of 2003 and No. 2, series of 2003 have adopted and promulgated the Philippine Agricultural Engineering Standards Volumes 1, 11 and 111 as the Code of Technical Standards of Agricultural Engineering which shall serve as technical reference by all duly registered agricultural engineers in the signing and sealing of plans, designs, specifications and other documents for agricultural buildings, machineries and other agricultural facilities pursuant to Sections 9 (h) and 21 of R.A. 8559, Section 40 of the IRR of R.A. 8559, and BOAE Resolution No. 07, series of 2003;

WHEREAS, Section 701 (a10) of Presidential Decree No. 1096 otherwise known as National Building Code of the Philippines covers agricultural buildings as one of its scope of application, whereby, the Philippine Agricultural Engineering Standards need to be integrated in the implementation of the said code;

WHEREAS, pursuant to Title IV, Chapter 1, Section 3 (2) of the Administrative Code of 1987, the Department of Agriculture is responsible for the planning, formulation and execution, regulation and monitoring of programs and activities relating to agriculture, food production and supply;

NOW, THEREFORE, in view of the above, the existing Philippine Agricultural Engineering Standards are hereby enforced as integral parts in the design, construction and maintenance of agricultural buildings and facilities, and for this purpose, the following measures and directives are hereby issued:

SECTION 1. Coverage - The following Philippine Agricultural Engineering Standards (PAES) adopted through DA Administrative Orders No. 10, series of 2002, No. 6, series of 2003 and No. 11, series of 2003 shall be enforced in the design, construction, repair and maintenance of agricultural buildings and facilities:

- Housing for Broiler Production - PAES 402: 2001
- Housing for Layer Production - PAES 403: 2001
- Housing for Swine Production - PAES 401: 2001
- Housing for Goats and Sheeps - PAES 404:2001
- Cattle Feedlot - PAES 405:2001
- Cattle Ranch - PAES 406:2001
- Housing for Dairy Cattle - PAES 407:2001
- Carabao Feedlot - PAES 408:2001
- Milking Parlor - PAES 409:2002
- Lairage for Swine, Small and Large Animals - PAES 410:2000
- Slaughterhouse for Swine, Small and Large Animals - PAES 411:2000
- Dressing Plant - PAES 412:2002
- Greenhouse - PAES 415:2001
- Tissue Culture Laboratory - PAES 416:2002
- Fruit and Vegetable Storage - PAES 417:2002
- Processing Plant for Fresh Fruit and vegetables - PAES 419:2002
- Warehouse for Bagged Storage of Grains - PAES 418:2000
- Farm Workshop and Machinery Shed-PAES 420:2002
- Biogas Plant - PAES 413:2001
- Waste Management Structures - Part 1: Agricultural Liquid Waste - PAES 414- 1:2002
- Waste Management Structures -Part 2: Agricultural Solid Waste -PAES 414- 1:2002

The standards of other types of agricultural buildings and facilities shall also be enforced following its adoption by this Department.

**SECTION 2. Enforcement Mechanism** - The enforcement of the Philippine Agricultural Engineering Standards on agricultural buildings and facilities shall be carried out by this Department through its concerned bureaus, attached agencies and regional field units. The Office of the Assistant Secretary for Field Operation shall serve as the National Enforcement Coordinating Office, and shall be assisted by the DA National Coordinator on Agricultural Engineering and pool of DA agricultural engineers.

**SECTION 3. Standards Compliance Certificate** - The Assistant Secretary for Field Operation in collaboration with concerned DA Bureaus and Attached Agencies such as BPRE, BAI, BPI, BFAR, NMIC, PCA, FIDA, NAFC, and NFA shall develop the procedures and mechanism for the issuance of Standards Compliance Certificate (SCC) to concerned individuals or groups who shall construct, repair or operate agricultural buildings and facilities. As basis for evaluation towards the issuance of the Standards Compliance Certificate, concerned individuals and groups shall submit 5 sets of plans, designs, specifications and other technical documents duly signed and sealed by a registered agricultural engineer/s.

SECTION 4. PAES Application on the National Building Code - The Assistant Secretary for Field Operation in collaboration with the Philippine Society of Agricultural Engineers and the Board of Agricultural Engineering of the Professional Regulation Commission shall immediately coordinate with the Department of Public Works and Highways and the Department of Interior and Local Government for the integration of the Philippine Agricultural Engineering Standards of agricultural buildings and facilities in the implementation of the National Building Code, in particular in the issuance of building permits and certificate of occupancy.

SECTION 5. Role of the DA Regional Agricultural Engineering Divisions - The Regional Agricultural Engineering Divisions (RAED) of the DA Regional Field Units shall serve as the enforcement arm of this Department on the Philippine Agricultural Engineering Standards on agricultural buildings and facilities.

The RAED, in the performance of its functions shall coordinate and mobilize the support and involvement of the Provincial, City and Municipal Agricultural Engineering Groups/Units of the Local Government Units.

SECTION 6. Repealing Clause - All DA Administrative Orders, Special Orders and other issuances inconsistent to this Administrative Order are hereby repealed and/or modified accordingly.

SECTION 7. Effectivity - This Order shall take effect after fifteen (15) days following the publication in the Official Gazette or any newspaper of general circulation, whichever is earlier.

Adopted: 01 Mar. 2004

(SGD.) LUIS P. LORENZO, JR.

Secretary

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