

ADOPTION OF PNS/PABES AS TECHNICAL REGULATION

ANTAM 8th Annual Meeting

December 15-16, 2021

Presented by: EN**GR. JANICE P. VARGAS** Division Chief, BAFE-SRED

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Presentation Outline:

- □ Rationale
- DA-BAFE and its Legal Mandate
- □ Adoption of Standards as Technical Regulation
 - > Department Circular No. 15, Series of 2020
 - Department Circular No. 07, Series of 2021
 - > Issuance of Certificate of Conformity

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RATIONALE

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STANDARDS DEVELOPMENT

- The DA- Bureau of Agriculture and Fisheries Standards (BAFS), as mandated by the Agricultural and Fisheries Mechanization Law of 2013, develops standard specifications and test procedures for agricultural and fisheries machinery and infrastructures.
- These standards, being referred to as the Philippine National Standards/Philippine Agricultural and Biosystems Engineering Standards (PNS/PABES), are voluntary in nature.

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HOWEVER...

- The AFMech Law states that "All agricultural and fisheries machinery and equipment, before it can be sold in the market, should be tested by the Agricultural Machinery Testing and Evaluation Center (AMTEC) and should pass the prescribed quality and performance standards".
- Further, it states that "the DA and the LGUs, in collaboration with the PRB-ABE, shall enforce the standards on the manufacture, sale, and distribution of agri-fishery machinery and equipment".

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The DA-Bureau of Agricultural and Fisheries Engineering (BAFE)

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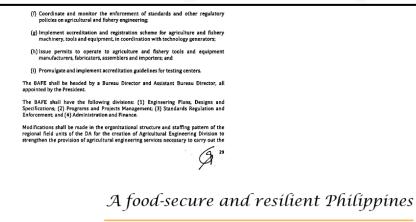


LEGAL MANDATES

The Bureau of Agricultural and Fisheries Engineering (BAFE) is a Bureau under the Department of Agriculture, created by the AFMech law of 2013.

> Rule 23.7 The PCAF shall provide funding assistance on the organization and operationalization of the AFMeC at the national, regional, provincial/HUCs/ICCs and city/municipal levels.

SEC. 24. Strengthening the DA Agricultural and Fishery Engineering Groups. - Pursuant to Section 46 of Republic Act No. 8435, otherwise known as the "Agriculture and Fisheries Modernization Act of 1997", a Bureau of Agricultural and Fisheries Engineering (BAFE) is hereby created as a regular bureau of the DA which shall be under the supervision of the DA Undersecretary and shall have the following functions and responsibilities:



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LEGAL MANDATES

- (a) Coordinate, oversee and monitor the national planning and implementation of agri-fisheries engineering, farm-to-market road and other agri-fisheries infrastructure projects;
- (b) Assist in the national planning, coordination and implementation of the national agri-fisheries mechanization programs;
- (c) Prepare, evaluate, validate and recommend engineering plans, designs and technical specifications on agri-fisheries mechanization and infrastructure projects;
- (d) Oversee and provide technical assistance to the operations of the agricultural engineering divisions of the DA regional field units;
- (e) Coordinate and integrate all agricultural and fisheries engineering activities of the DA bureaus attached agencies and corporations:
- (f) Coordinate and monitor the enforcement of standards and other regulatory policies on agricultural and fishery engineering;

(g) Implement accreditation and registration scheme for agriculture and fishery machinery, tools and equipment, in coordination with technology generators;

- (h) Issue permits to operate to agriculture and fishery tools and equipment manufacturers, fabricators, assemblers and importers; and
- (i) Promulgate and implement accreditation guidelines for testing centers.



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LEGAL MANDATES

AFMech Law (Section 2, Article 1)

Ensure quality and safety of machineries and equipment locally manufactured or imported by strengthening regulation through the development and enforcement of machinery and machine performance standards, regular testing and evaluation, registration, and the accreditation and classification of suppliers, assemblers, and manufacturer to ensure compliance to prescribed quality standards.

□ AFMech Law (Section 21, Article V)

The DA and the LGUs, in collaboration with PRB-ABE, shall enforce the developed standards on the manufacture, sale and distribution of agricultural and fisheries machinery and equipment, and its accreditation system for agricultural and fisheries facilities and establishments.



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Department Circular No. 15, Series of 2020

- Guidelines for the Establishment, Adoption, and Enforcement of National List if PNS/PABES
- Published last March 29, 2021 at Manila Bulletin

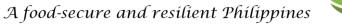
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1100 Quezon City		
October 27, 2020		
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No. 15 Series of 2020		
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What is the National List of PNS/PABES?

It refers to the established and adopted list of PNS/PABES that will serve as reference to the DA RFOs, Attached Bureaus and Agencies, LGUs, SUCs, MFADDIEs, NGAs, and private stakeholders, and in the enforcement of technical regulations of DA-BAFE





Objectives

- Establish the National List of PNS/PABES and its mechanism for adoption;
- Provide procedures for the review and approval of PNS/PABES for inclusion/exclusion to the National List including any amendment;
- Provide National List of PNS/PABES to be utilized by DA-RFOs, Attached Bureaus and Agencies, LGUs, SUCs, MFADDIEs, NGAs, and private stakeholders; and
- Serve as BAFE's reference on the enforcement of its technical regulations.

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Department Circular No. 07, Series of 2021

□ Supplemental Guidelines to DC No. 15, Series of 2020, Re: Guidelines for the Establishment, Adoption, and Enforcement of of National List **PNS/PABES**

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			6	PAES 111:2000	Walking-Type Agricultural Tractor	METHODS OF TE
ro. other	purposes ar	alogous to the foregoing.	7	PAES 112:2000	Lever-Operated Knapsack Sprayer	SPECIFICATIONS
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	ope		9	PAES 114:2000	Centrifugal Pump	SPECIFICATIONS
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Objectives

The Circular aims to establish the National List of PNS/PABES relative to agricultural and fisheries mechanization. Specifically, the PNS/PABES indicated in the National List shall be used as technical reference for the following:

- □ Implementation of relevant technical regulations;
- Design, manufacture, fabrication, and assembly of agricultural and fisheries machinery;
- Design and construction of agricultural and fisheries infrastructures;
- □ Study of ABE and practice of ABE profession

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Objectives

- Implementation of agricultural and fisheries mechanization and infrastructure projects;
- Procurement of agricultural and fisheries machinery and infrastructures;
- Signing and sealing of plans, designs, and specifications of agricultural and fisheries machinery, infrastructures, and other agrifishery engineering projects;
- Testing and evaluation of agricultural and fisheries machinery by the UPLB-AMTEC, other accredited testing centers, and certified test engineers; and
- Extension Support, Education, and Training Services (ESETS) for agricultural and fisheries machinery, infrastructures, and other agrifishery engineering projects.

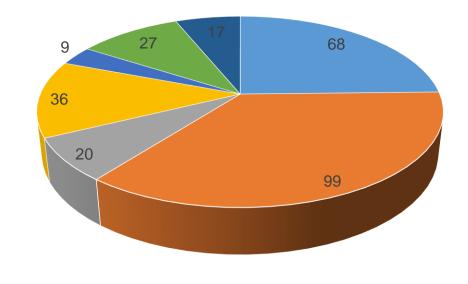
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Total Standards Adopted: 276

PNS/PABES ADOPTED AS TECHNICAL REGULATION



- Production Machinery
 Postharvest Machinery
- Slaughterhouse Equipment General Standards
- Irrigation

- Engineering Materials
- Agricultural Structures

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Issuance of Certificate of Conformity



Republic of the Philippines Department of Agriculture OFFICE OF THE SECRETARY Elliptical Road, Diliman Quezon City 1100, Philippines

Department Circular No. <u>19</u> Series of 2018

SUBJECT: NATIONAL GUIDELINES ON THE ISSUANCE OF CERTIFICATE OF CONFORMITY FOR AGRICULTURAL AND FISHERIES MACHINERY

Pursuant to Sections 31 and 32 of the Republic Act No. 10601 otherwise known as the Agricultural and Fisheries Mechanization (AFMech) Law of 2013 and its Implementing Rules and Regulations (IRR), and Section 7 of Department Circular (DC) No. 5, Series of 2017, also known as the National Guidelines on Testing and Evaluation of Agricultural and Fisheries Machinery, this Guidelines on the Issuance of Certificate of Conformity (CC) for Agricultural and Fisheries Machinery is hereby promulgated and issued for information and compliance of government offices, private sector, farmers and fisherfolk. The Certificate of Conformity".

SECTION 1. Objectives

This Guidelines provides information and guidance on the issuance and enforcement of CC. The certificate will ensure the conformance of agricultural and fisheries machinery to the Philippine National Standards / Philippine Agricultural Engineering Standards (PNS/PAES) or other relevant standards identified by the Bureau of Agricultural and Fisheries Engineering (BAFE). Specifically, this Guidelines aims to provide assurance to consumers, industries and other stakeholders that the machinery conforms to the specified requirements in their respective PNS/PAES or other relevant standards identified by the BAFE and the PNS/PAES for the Guidelines on After-Sales Service. It intends to facilitate trade, fair competition and consumer acceptance of the machinery.

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Masaganang

Mataas na 🗼

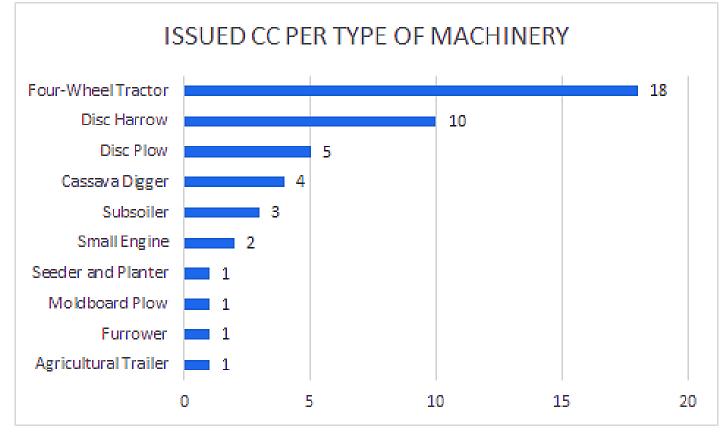
What is Certificate of Conformity (CC)?

CCs are certificates issued by the BAFE which guarantees that the agricultural and fisheries machinery conforms with PNS/PABES or other relevant standards identified by BAFE.



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Machine Issued with CC



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THANK YOU!

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