



CERTIFICATE OF CONFORMITY

FOR AGRICULTURAL AND FISHERIES MACHINERY

Standards Regulation and Enforcement Division
BUREAU OF AGRICULTURAL AND FISHERIES ENGINEERING



OVERVIEW AFMECH LAW



SECTION 2



SECTION 24 BAFE's Mandate

It is the policy of the state to **ensure the 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...

OVERVIEW

AFMECH LAW



SECTION 2

SECTION 24
BAFE's Mandate



Coordinate and monitor the **enforcement of standards and other regulatory policies** on agricultural and fisheries engineering.

OVERVIEW



Rule 31.3 of AFMech Law

The agricultural and fishery machinery is considered duly certified when it is registered with BAFE

Rule 31.4 of AFMech Law

The agricultural and fishery machinery is considered substandard when it is non-compliant with PAES and government set standards.

Issuances



Department Circular No. 19, Series of 2018

- NATIONAL GUIDELINES ON THE ISSUANCE OF CERTIFICATE OF CONFORMITY FOR AGRICULTURAL AND FISHERIES MACHINERY
- Published: January 31, 2019

Memorandum Circular No. 30, Series of 2020

- Advising the public of the acceptance and processing of applications for CC and PTO starting October 15, 2020 and subsequent submission of the regulatory documents as one of the requirements during the post-qualifications of bidders
- Published September 30, 2020

DC No. 19, S2018



OBJECTIVE

To provide information and guidance on the issuance and enforcement of CC.

SCOPE

Cover policies and mechanisms in the **issuance and enforcement of CC** for agricultural and fisheries machinery with **PNS/PAES** or **other relevant standards identified by BAFE.**

Definition of Terms



Applicant

a natural or juridical entity engaged in the manufacturing, fabrication, assembly or importation of agricultural and fisheries machinery (MFAI)

Certificate of Conformity (CC)

certificate issued by the BAFE which guarantees that the agricultural and fisheries machinery conforms with PNS/PAES or other relevant standards identified by BAFE and the PNS/PAES for the Guidelines on After-Sales Service

Definition of Terms



Primary Holder

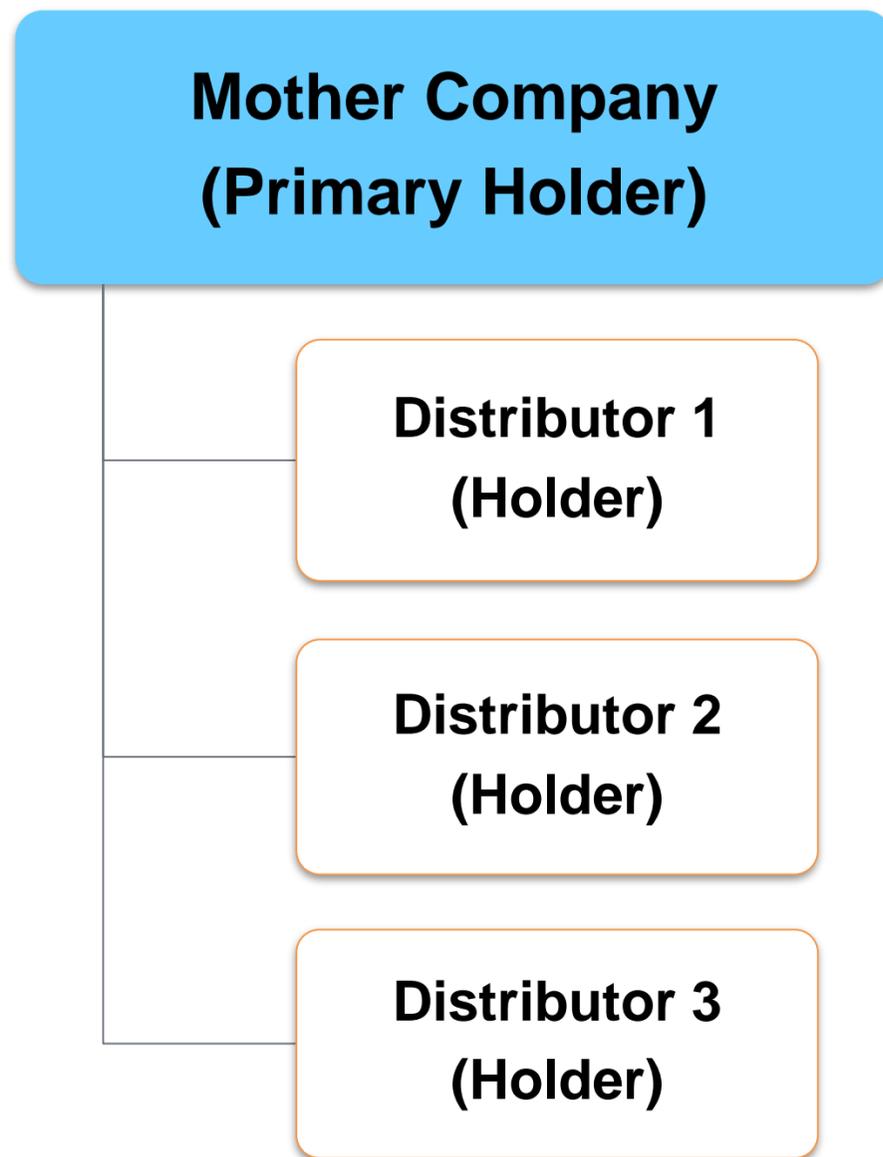
entity which is indicated in the CC that may either be a manufacturer, fabricator, assembler or importer (MFAI)

Holder

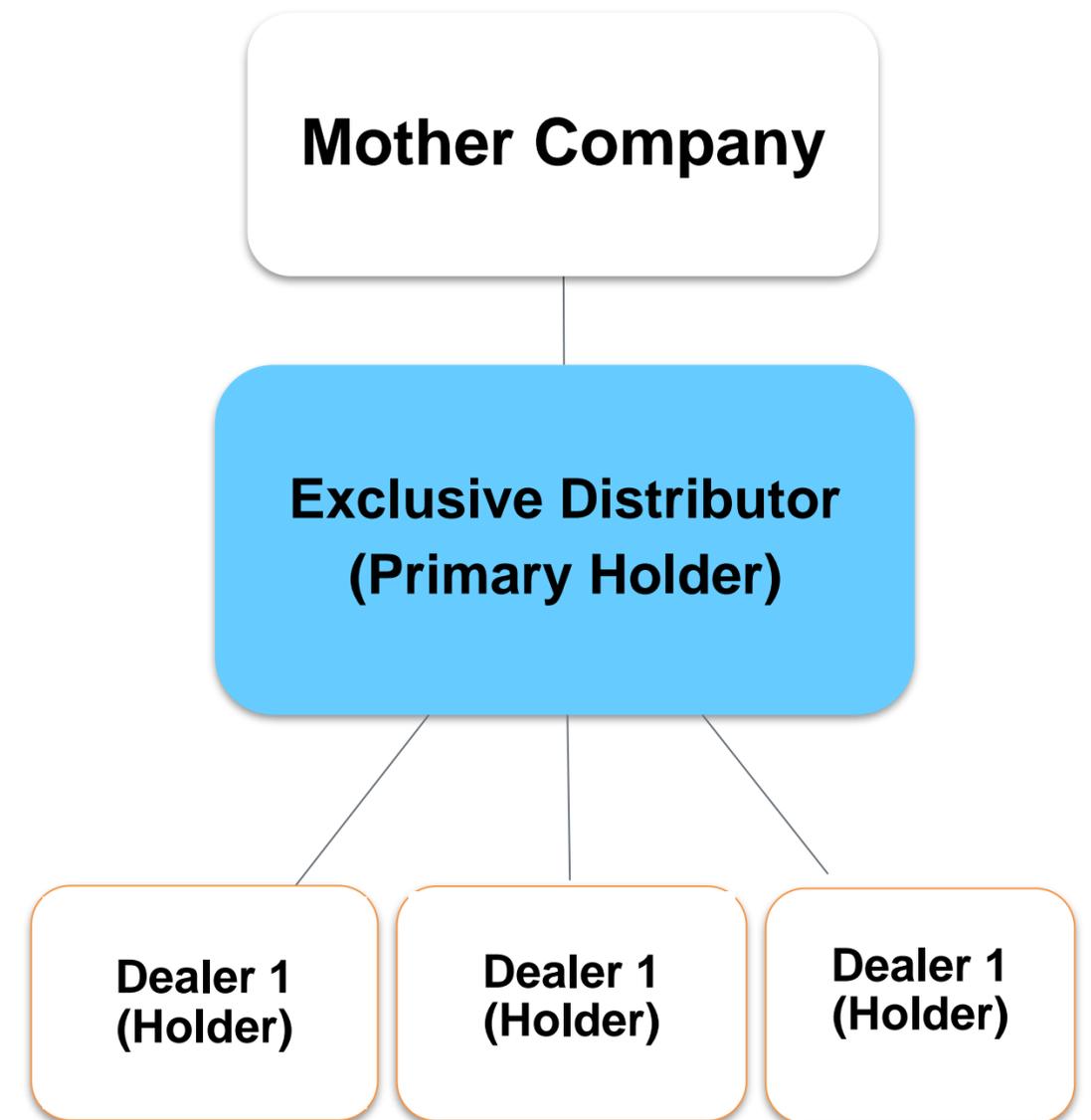
dealer, distributor, importer and exporter (**DDIE**) **authorized by the primary holder to use the CC** in the selling of agricultural and fishery machinery

Applicant

Locally Manufactured Machinery



Imported Machinery



Timeline for the Issuance of Certificate of Conformity

ACTIVITY	SCHEDULE
Acceptance of complete application	Any day of the month during office hours*
SRES submission to BAFE of applications	Any day of the month during office hours*
BAFE checking the accuracy and authenticity of the submitted applications	Monday of the 2 nd Week of the Month
Evaluation of the submitted applications	2 nd Week of the Month
Conduct of on-site inspection (optional)	2 nd Week of the Month
TEAAC regular meeting and endorsement of recommendation	3 rd Week of the Month
Final review	4 th Week of the Month
Notification of approved/denied application	Friday of the 4 th Week of the Month
Payment for the CC (applicable for approved application)	Any day after the notification
Receiving of the certificate (for personal appearance)	Same date with the date of payment

20
Working
Days

DOCUMENTARY REQUIREMENTS

- ✓Duly accomplished Application Form and Authority to Use Form;
- ✓Business Permit;
- ✓Certificate of Distributorship/Dealership (if applicable);
- ✓Operator's Manual;
- ✓Certificate of Free Sale/Registration or equivalent documentary requirement indicating the country of manufacture (for imported agricultural and fisheries machinery); and
- ✓Authenticated Copy of TR issued by UPLB-AMTEC or accredited testing center.
- ✓Letter of Intent

New
Application

DOCUMENTARY REQUIREMENTS

Renewal

- ✓ Duly accomplished Application Form and Authority to Use Form;
- ✓ Certified True Copy of Previously Issued CC;
- ✓ Authenticated Copy of TR issued by UPLB-AMTEC or accredited testing center.

ADDITIONAL (Authorized representative/s)

- ✓ Any Government Issued Identification Card; and
- ✓ Special Power of Attorney or Board Resolution

CERTIFICATE OF CONFORMITY

Department of Agriculture
Bureau of Agricultural and Fisheries Engineering
Sugar Center, Annex II Building Extension, North Avenue
Diliman, Quezon City

CERTIFICATE OF CONFORMITY

CC No.: **2023-07-112**

Primary Holder: 

Name of Machinery:
Brand and Model:
Brand and Model of Prime Mover:
Manufacturer of Prime Mover:
Reference:



This Certificate of Conformity is based on the evaluation of a sample of the abovementioned product. This is to certify that the evaluated machinery complies with PAES 116:2001 – Agricultural Machinery – Small Engine – Specifications and PAES 117:2000 – Agricultural Machinery – Small Engine – Methods of Test. This certificate does not imply an assessment of the series-production of the machinery. The holder of the certificate is authorized to use this certificate in connection with the DC No. 2, Series of 2023 and DC No. 19, Series of 2018.

ENGR. ARIODEAR C. RICO
Director, BAFE

Issued on: July 13, 2023
Valid until: December 6, 2027
Period of Renewal: October 6, 2027 to November 6, 2027

***Validity of CC = Validity of Test Report**



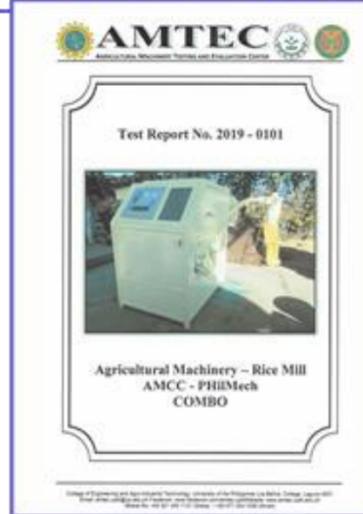
BAFS
Development/ Updating of Standards

PNS / PABES



AMTEC
Performance Testing

AMTEC Test Report



BAFE
(RFOs and LGUs)
Enforce Standards

Certificate of Conformity



PHASES OF IMPLEMENTATION

PHASE I

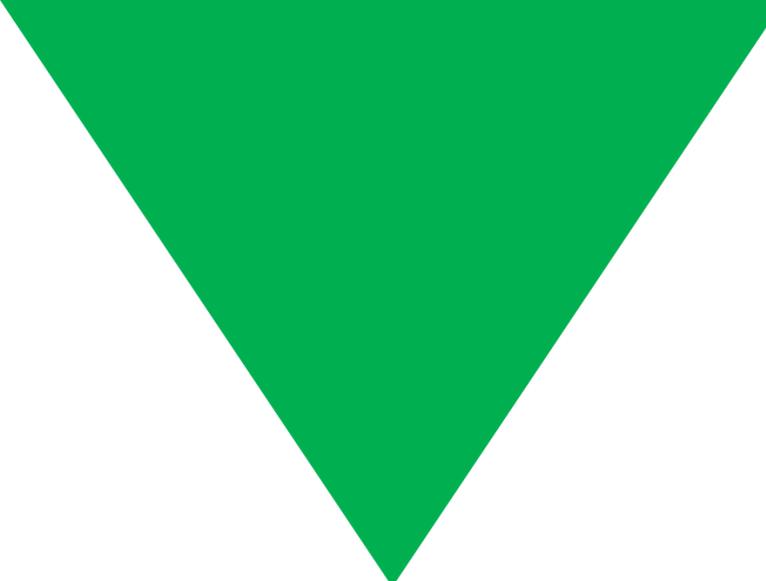
- A&F Machineries (including their attachments) with Rated Power of 90 hp and above
- Small Engines with Rated Power less than 7hp
- **October 15, 2020 onwards**

PHASE II

- A&F Machineries (including their attachments) with Rated Power of 25 hp and above
- All small engines
- **October 15, 2021 onwards**

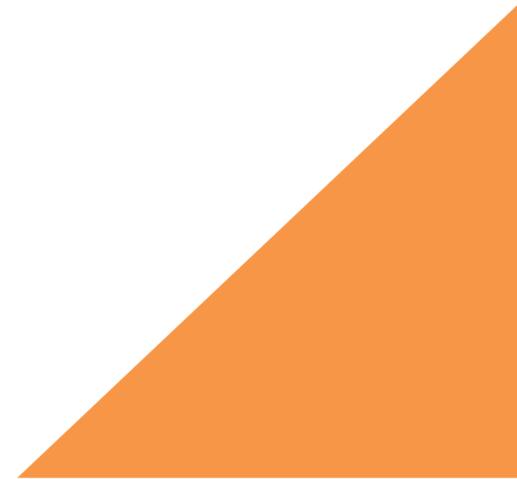
PHASE III

- All A&F Machineries
- **October 15, 2023 onwards**

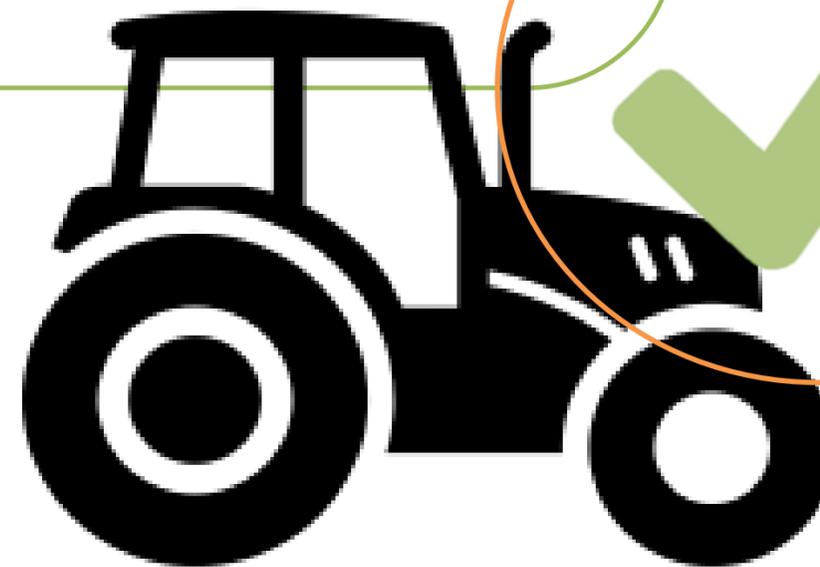


CERTIFICATE OF CONFORMITY

Evaluation Criteria

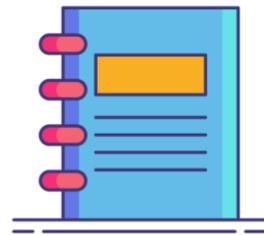


Agricultural and fisheries machinery shall pass the **performance criteria** based on the relevant PNS/PABES and shall comply with **ALL** the following criteria for the issuance of CC:



CC Evaluation Criteria

✓ **AND** shall comply with **ALL** the following criteria for the issuance of CC:



OPERATOR'S MANUAL

✓ Conformance with **PAES 102: 2000**: Agricultural Machinery – Operator's Manual – Content and Presentation



AFTER-SALES SERVICE

✓ Conformance with **PNS/PAES 192:2016**: Agricultural and Fisheries Machinery- Guidelines on After-Sales Service



PNS/PABES OF THE MACHINE

CC Evaluation Criteria



PNS/PABES OF THE MACHINE

TEST CONDITIONS

- ✓ Based on Methods of Test

✓ **PERFORMANCE REQUIREMENTS**

✓ **CONSTRUCTION / FABRICATION REQUIREMENTS**

✓ **SAFETY, WORKMANSHIP AND FINISH**

✓ **OTHER REQUIREMENTS**

CC Evaluation Criteria

**Sample Evaluation for PNS/PAES Agricultural Machinery - 116:2001 – Small Engine - Specifications*

Test Conditions

Performance

Workmanship &
Finish

Other
Requirements

Markings and
Labeling

Test Conditions			
Conditions	PNS/PABES	AMTEC Test	Remarks
Full throttle for both spark-ignition and compression ignition engines.	Required		
Varying Speed Test	Required		
Continuous Running Test	Required		
Starting Test	Required		
Test Conditions			COMPLIED

CC Evaluation Criteria

**Sample Evaluation for PNS/PAES Agricultural Machinery - 116:2001 – Small Engine - Specifications*

Test Conditions

Performance

Workmanship & Finish

Other Requirements

Markings and Labeling

Performance Requirements			
Requirements	PNS/PABES	AMTEC Test	Remarks
Easy of cranking or starting	Easy		
Rated maximum output power as Percentage of Rated Maximum Power, %	At least 80		
Performance Curve	Provided		
Continuous output power as Percentage of Rated Maximum Power, % (if no rating on continuous power is indicated)	80		
or Rated continuous output power specified in the nameplate	Attained		
Breakdowns/malfunctions during 5-hr continuous running test	No Breakdown		
Noise level, maximum, db (A)	92		
Performance Requirements			COMPLIED

CC Evaluation Criteria

**Sample Evaluation for PNS/PAES Agricultural Machinery - 116:2001 – Small Engine - Specifications*

Test Conditions

Performance

**Workmanship
& Finish**

Other
Requirements

Markings and
Labeling

Workmanship and Finish			
Requirements	PNS/PABES	AMTEC Test/Onsite Inspection	Remarks
Castings	Free of shrink holes, blowholes, cracks, scales, blisters and other similar injurious defects		
Surface of castings	Cleaned by sandblasting, shot blasting, pickling or any other standard method		
Sharp edges and surfaces	Absence		
Uncoated metallic surfaces	Free from rust and shall be painted properly		
Workmanship and Finish			COMPLIED

CC Evaluation Criteria

**Sample Evaluation for PNS/PAES Agricultural Machinery - 116:2001 – Small Engine - Specifications*

Test Conditions

Performance

Workmanship &
Finish

**Other
Requirements**

Markings and
Labeling

Other Requirements			
Requirements	PNS/PABES	AMTEC Test/Onsite Inspection	Remarks
Fuel tank capacity	Shall not require replenishment of fuel for at least two hours of operation at rated continuous power		
Base	Durable and have provision for easy mounting of the engine		
Orient the exhaust away from the operator	Provided		
Cooling system suitable for tropical operations	Equipped		
Other Requirements			COMPLIED

CC Evaluation Criteria

**Sample Evaluation for PNS/PAES Agricultural Machinery - 116:2001 – Small Engine - Specifications*

Test Conditions

Performance

Workmanship &
Finish

Other
Requirements

**Markings and
Labeling**

Markings and Labeling		
Requirements	Onsite Inspection	Remarks
English Language		
Positioned at the Most Conspicuous Place		
Registered Trademark of the Manufacturer		
Brand		
Model		
Serial Number		
Name and Address of Manufacturer		
Output power (kW) at rated speed		
A. Maximum		
B. Continuous		
Displacement (cc)		
Safety/Precautionary Markings		
Markings and Labeling		



THANK YOU!

July 27, 2023

