

**[ DA-BAI ADMINISTRATIVE ORDER NO. 02,  
September 14, 2010 ]**

**IMPLEMENTING RULES AND REGULATIONS ON THE  
REGISTRATION AND ACCREDITATION OF SWINE ARTIFICIAL  
INSEMINATION CENTERS AND PROVIDERS**

*SECTION 1. Introduction* - Artificial Insemination (AI) is a widely accepted technique in animal reproduction for the production of good quality animals. It also improves the reproductive efficiency in swine and reduces the risk of transmission of reproductive diseases such as but not limited to Aujeszky's Disease, Hog Cholera, Parvovirus, Porcine Circovirus, Brucellosis, Leptospirosis, FMD virus, Porcine Reproductive and Respiratory Syndrome (PRRS) and Ebola Reston (ER) Virus.

*SECTION 2. Purpose* - This Implementing Rules and Regulations (IRR) shall apply to the registration and accreditation of all government and private swine artificial insemination centers and providers for the purpose of ensuring quality swine production and disease prevention in the Philippines, pursuant to the Consumer Act of the Philippines (Republic Act No. 7394) on Consumer Product Safety and Quality Standards and DA-BAI Administrative Order No. 02, series of 2009, Registration and Accreditation of Swine Artificial Insemination Centers and Providers.

*SECTION 3. Definition of Terms* - When used in relation to the implementation of this IRR, the following terms shall be defined as follows:

Accreditation – shall refer to the procedure by which an authoritative body gives formal recognition that a juridical person is competent to carry out specific tasks.

AI – shall refer to "Artificial Insemination", the process of depositing semen in the female genitalia using instruments rather than by natural service.

AI Center – shall refer to a private or government-owned facility, farm or laboratory that provides primarily boar semen and/or AI services.

AI Provider – shall refer to an individual, group or business entity that either carries, handles, markets, imports, distributes boar semen or offers AI services, or both.

AI Services – shall refer to the act of providing AI by trained technician.

Applicant – shall refer to any person, association, partnership, corporation, cooperative, or any government agency or instrumentality that is applying for the issuance of accreditation.

ASBAP shall refer to the Accredited Swine Breeders Association of the Philippines

BAI shall refer to the Bureau of Animal Industry of the Department of Agriculture.

BAI Director shall refer to the Director of the Bureau of Animal Industry

BFAD shall refer to the Bureau of Food and Drug of the Department of Health.

Boar shall refer to a male pig where the semen is collected and use for AI.

DA shall refer to the Department of Agriculture, mandated with the planning, formulation, execution, regulation and monitoring of programs and activities relating to agriculture, food production and supply.

DTI shall refer to the Department of Trade and Industry, a government agency tasked with the registration and licensing of single-proprietorship company/ies

GAHP shall refer to Good Animal Husbandry Practices or PNS 60:2008.

IRR shall refer to the Implementing Rules and Regulations, a set of legal documents that pertains to the execution of certain AOs and MOAs of the DA.

Laboratory shall refer to a private or government facility that is capable of testing and processing semen to determine its quality.

LDD shall refer to Livestock Development Division of the Bureau of Animal Industry.  
LGU shall refer to Local Government Unit

PCARRD – LRD – shall refer to Philippine Council for Agriculture, Forestry and Natural

Resources Research and Development – Livestock Research Department

PCSP – shall refer to the Philippine College of Swine Practitioners.

RAIC – shall refer to the Regional Artificial Insemination Coordinator, a DA regional personnel assigned to coordinate the implementation of AI programs at the regional level under the UNAIP.

RASAICAP – shall refer to the acronym of Registration and Accreditation of Swine Artificial Insemination Centers and Providers.

Registration is the action by which information about the AI centers and providers is collected, recorded, securely stored and made appropriately accessible and able to be utilized by the competent authority.

Resident Veterinarian - shall refer to a licensed government or private veterinarian practicing within the municipality, city or province where the AI center is located.

RFU – shall refer to the Regional Field Unit of the Department of Agriculture

Semen - shall refer to the liquid cellular suspension, fresh or frozen containing spermatozoa and secretions from the accessory reproductive organs of the male.

Semen Extender shall refer to compounds used in semen processing to prolong the viability of the spermatozoa and expand the ejaculate volume maximizing the number of semen doses made. It is also often called as diluents.

UNAIP – shall refer to the Unified National Artificial Insemination Program of the Department of Agriculture.

#### *SECTION 4. Program Structure and Functions*

4.1 Over-all Management – The BAI Director shall approve the certificate of registration and accreditation upon the recommendation of the NTWC. He shall provide policy and over-all direction of the Program.

#### 4.2 National Technical Working Committee (NTWC) –

Chairman	– Chief, Livestock Development Division, BAI
Vice-Chairman	- Representative from the Accredited Swine Breeders Association of the Phil. (ASBAP)
Members	<ul style="list-style-type: none"><li>- Technical Representatives from:<ul style="list-style-type: none"><li>- Academe with expertise on Breeding and Genetics</li><li>- BAI – Animal Health Division</li><li>- BAI – Livestock Development Division</li><li>- BAI – Animal Welfare Division</li><li>- International Training Center on Pig Husbandry</li><li>- Livestock Development Council</li><li>- PCARRD-LRD</li><li>- PCSP</li><li>- PSIRDFI – Philippine Swine Industry Research and Development Foundation Incorporated</li></ul></li></ul>

#### Function:

The NTWC shall review, evaluate and validate the findings of the Regional Technical Working Committees (RTWC) and recommend measures/amendments on the criteria and procedures of accreditation as may be necessary. It shall assist the BAI Director in formulating policies for the Program and endorse approval of the accreditation.

It shall also conduct capability building activities for RTWC and develop the Manual of Operation.

#### 4.3 National Secretariat

#### Function:

The National Secretariat (NS) in coordination with the RAIC shall provide application form to the applicants, conducts preliminary table evaluation, schedules farm visits, sends notice of renewal to accredited Centers/Providers, and acts as repository of all data pertinent to the RASAICAP.

The BAI Livestock Development Division (LDD) shall serve as the National Secretariat of the RASAICAP.

#### 4.4 Regional Technical Working Committee (RTWC)

Chairman – DA Regional Technical  
Director for Operations  
Co-Chairman – Designated Livestock  
Division/Section Chief/Chief  
Regulatory Division  
Members – Regional Artificial  
Insemination Coordinator (RAIC)

- Regional AWA Representative
- Regional Animal Disease Diagnostic  
Laboratory (RADDL) Representative
- Provincial/City/Municipal  
Veterinarian where the applicant is  
located
- ASBAP Representative
- PCSP/local hog association  
representative if PCSP is not  
represented in the region
- Representative of the Academe

#### Function:

The RTWC shall conduct an actual evaluation of AI Centers/Providers and submit the findings and recommendation to the NTWC. At least three (3) members can constitute the evaluation team, provided that none of the members of the team has direct interest in the center being evaluated.

The RAIC shall be designated as Secretariat of the RTWC.

#### *SECTION 5. Accreditation Requirement -*

5.1 All facilities should be registered pursuant to existing rules and regulations. AI Centers and providers shall be registered pursuant to the provisions of R.A. No. 7160 the Local Government Code of 1991, R.A. No. 8485 the Animal Welfare Act of 1998 and DILG Memo Circular No. 2005-01.

#### 5.2 General Requirements for Registration

5.2.1 Application containing among others the name, address, age, citizenship, tax identification number and a latest passport size picture of the applicant and other pertinent circumstances pertaining to the establishment including the place where it is to be established.

5.2.2 Proof of registration as an establishment, as evidenced by any of the following:

5.2.2.1 For single proprietorship, an authenticated photocopy of the Certificate of Business Name Registration issued by the Bureau of Domestic Trade of the Department of Trade and Industry.

5.2.2.2 For partnership, corporation and other juridical person, an authenticated photocopies of the Certificate of Registration by the Securities and Exchange Commission and the Articles of Incorporation

5.2.2.3 For Cooperatives, a Certificate of Registration from the Cooperative Development Authority

5.2.2.4 A valid Mayor's Permit for the Current Year.

5.2.3 A certification from a licensed resident veterinarian on the health aspects of the boars.

5.2.4 A certificate of attendance of the owner/manager and the veterinarian to BAI sponsored/accredited seminar on artificial insemination.

5.2.5 An Environmental Clearance Certificate from the Department of Environment and Natural Resources, if applicable.

5.2.6 A municipal/city ordinance or resolution for the creation of the government AI center.

5.2.7 Payment of registration fee.

#### *SECTION 6. Technical Requirement for Accreditation -*

##### **I. Minimum Standard Requirement for a Swine AI Center or Facility**

##### **1. Animal requirement**

All boars shall be sourced from a BAI accredited swine breeder farm. These animals shall be supported with pedigree certificates and genetic performance issued by the farm of origin. Other details regarding pedigree and genetic performance will be contained in the manual that will be formulated by the NTWC.

1.1 There shall be at least two (2) boars of different breeds

1.2 Maximum age of boards – 4.0 years old including growing phase & productive life. ( An annual replacement rate of 50% to ensure infusion of improved genetics)

1.3 Minimum age of boar during first semen collection shall be seven (7) months old.

1.4 Good semen quality;

1.4.1 Fresh semen

a. Gross motility – at least 85%

b. Total sperm –  $15 \times 10^9$  sperm/ejaculation

c. Normal sperm % - >80%

d. Cytoplasmic droplets - - <15% Only proximal droplets are counted.

1.4.2 Processed semen dose