

MOVING FROM APPROVAL TO CERTIFICATION FOR RECORDING AND SAMPLING DEVICES BY ICAR

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The Current ICAR Approval System

Brand	Device	Meter	Species	Mounting position	Picture	Year of approval
GEA Farm Technologies Gmbh		Metatron MB	Cattle			1991

- Device is tested by ICAR and receives approval
- Approval is good for lifetime of device provided there are no changes in device
- Review of the routine calibration procedures is part of approval process

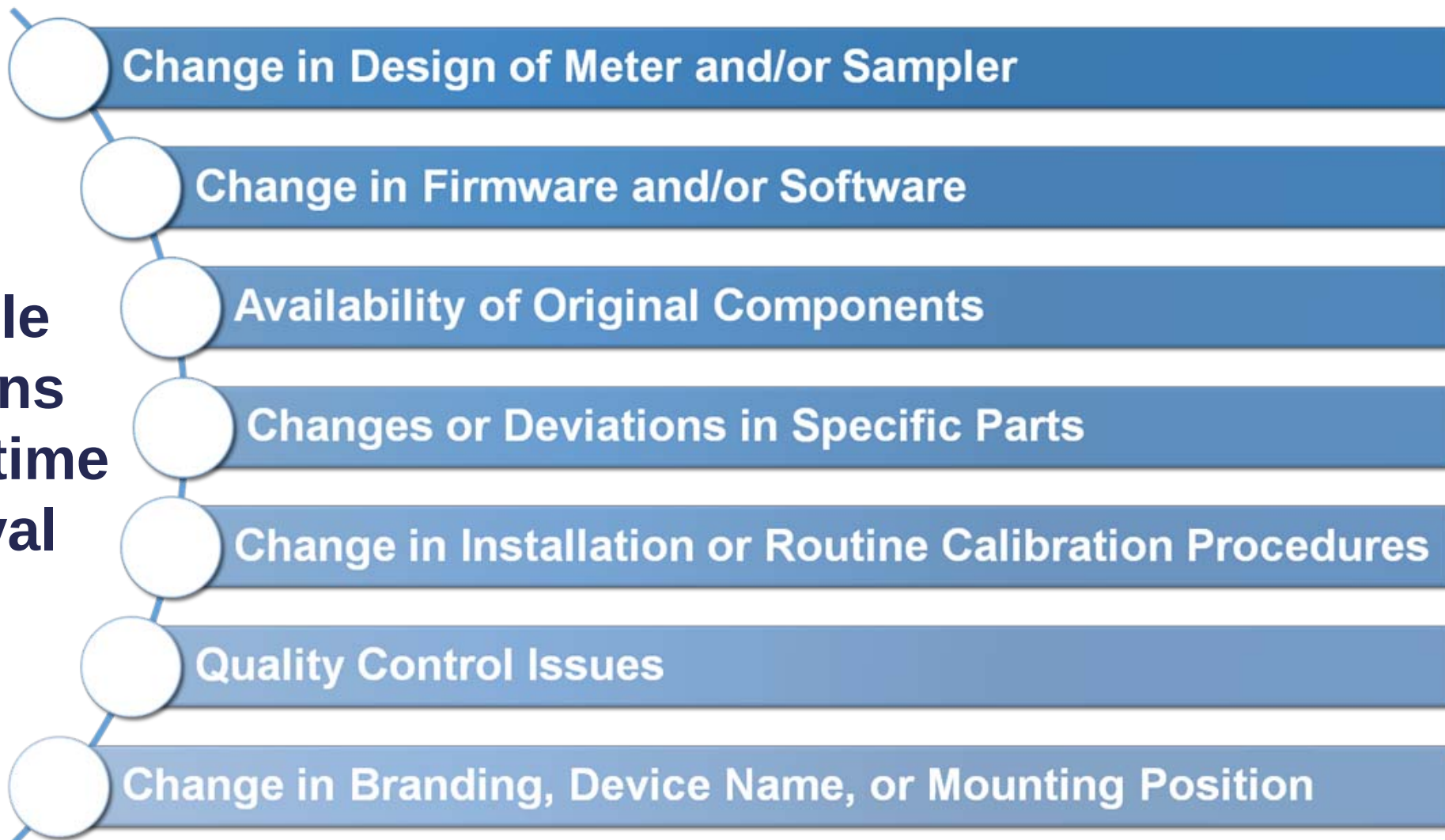
Multiple Components to a Recording and Sampling Device



- Meter
- Sampler
- Controller
- Keypad
- Firmware
- Software

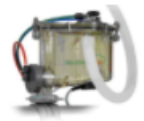
There is increased complexity and/or device variants in many newer devices or systems

Possible Concerns with Lifetime Approval



The Current ICAR Approval System

Most
manufacturers
report
modifications
and receive
additional
approvals for
device(s)

Brand	Device	Meter	Species	Mounting position	Picture	Year of approval
GEA Farm Technologies Gmbh		Metatron MB	Cattle			1991
GEA farm technologies Gmbh	Metatron 12	Metatron MB	Cattle			1991
GEA Farm Technologies GmbH	Dematron 70	Metatron MB	Cattle			2007
GEA Farm Technologies GmbH	Dematron 75	Metatron MB	Cattle			2008
GEA Farm Technologies GmbH	Metatron P21	Metatron MB	Cattle	Low line		2002
GEA Farm Technologies GmbH	Metatron S21	Metatron MB	Cattle	Low line		2002

Approved vs. Certified

- Approved relates to the device meeting the minimum standards after testing.
- Certified means the device not only meets the minimum standards but also meets all other ICAR guidelines.
- Certification may have a designated time-frame which may be renewed, extended or continued.
- Certification is not a one-time event, rather a recognition of continued compliance and quality.

Options for ICAR Certification of Recording and Sampling Devices

Option 1: Retesting & Recertification

- SC for Animal Identification implemented changes in 2015 – 5 year certification period for ID devices.
- RSD-SC reviewed and concluded this approach was not in best interest of device manufacturers or ICAR members.
 - Retesting of old devices not practical.
 - Lifespan of RS devices is not the same as ID devices.
 - Testing of new or next-generation devices should be goal.

Options for ICAR Certification of Recording and Sampling Devices

Option 2: Annual Review & Certification

- Use aspects of current ICAR guidelines
 - ICAR member reports
 - Device manufacturer reports
 - Device labeling
 - Clear process for modification tests
- RSD-SC focused on:
 - ICAR member feedback & needs
 - Improved communication with manufacturers
 - Resolution of issues or concerns

Annual Reports to RSD-SC

Outlined in ICAR Guidelines



**Member
Organizations**



**Recording &
Sampling Device
Manufacturers**

Annual Reports to RSD-SC

Outlined in ICAR Guidelines

Member Organizations

- *Names and models of devices currently in use.*
- *Field reports on devices which have not met calibration requirements.*
- *Copies of written member complaints to manufacturers or dealers.*

Annual Reports to RSD-SC

Outlined in ICAR Guidelines

Recording & Sampling Device Manufacturers

- *Names and models devices manufactured that year.*
- *Modification(s), if any, made on an approved device in own production.*
- *Other companies with right to use/manufacture their device.*
- *Any modification/s done by other company.*
- *List of countries the devices are in market.*

New Report Templates from the RSD-SC

ICAR Member Organization Report

Name of organization:

Report Author:

Date of Report:

Names and Models of ICAR certified devices currently in use

Make	Model	Number in use	Comments

Field reports on any meters which have not met calibration requirements as described in sections 11.6.2 and 11.6.3 if the ICAR guidelines (attach documents where necessary)

Make	Model	Field Report

Any complaints or issues identified with ICAR certified devices (either raised with the manufacturer or observed which you would like ICAR to consider).

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Any further comments regarding the performance of any of the devices used for ICAR consideration.

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-
-
-

Signed by Member Organization:

Name Title

Signature

Date: / /

Manufacturer Annual Report

Name of manufacturer:

Report Author:

Date of Report:

Names and Models of ICAR certified devices manufactured this year

Make	Model	Any Modification (Yes/No) – Refer below for detail	Any 3 rd party Manufacture (Yes/No) – Refer below for detail	Countries using this device

Summary of Modifications

- List any modifications to ICAR certified devices as indicated in table above (including any modifications by 3rd party manufacturers)

Make	Model	Modification

Summary or 3rd Party Manufacturers

Make	Model	List of 3 rd Party manufacturers	Country 3 rd party is supplying

Signed by Manufacturer:

Name Title

Signature

Date: / /

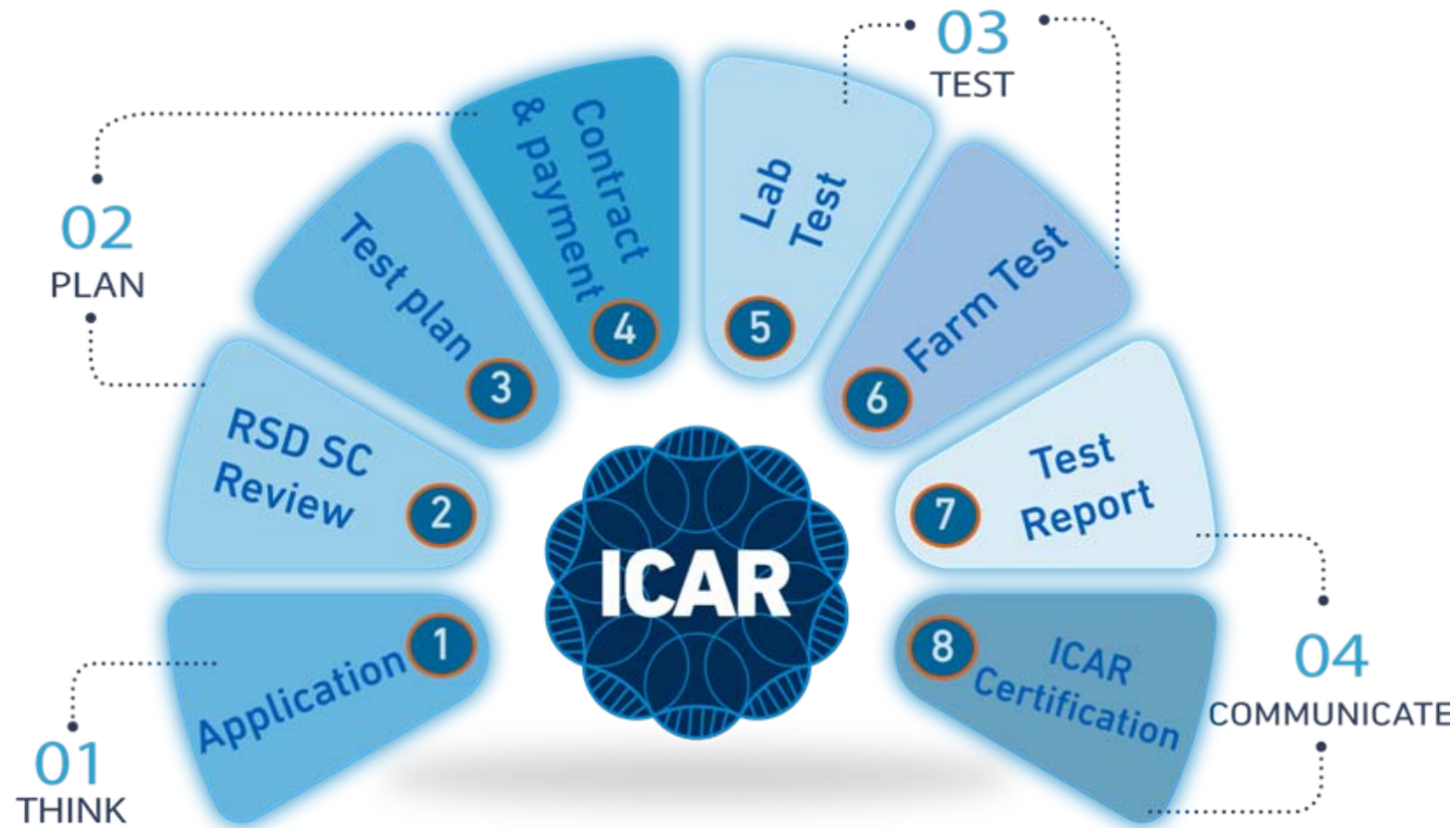
Required Labeling of ICAR-Certified Devices

Section 11.5.4 of current ICAR Guidelines

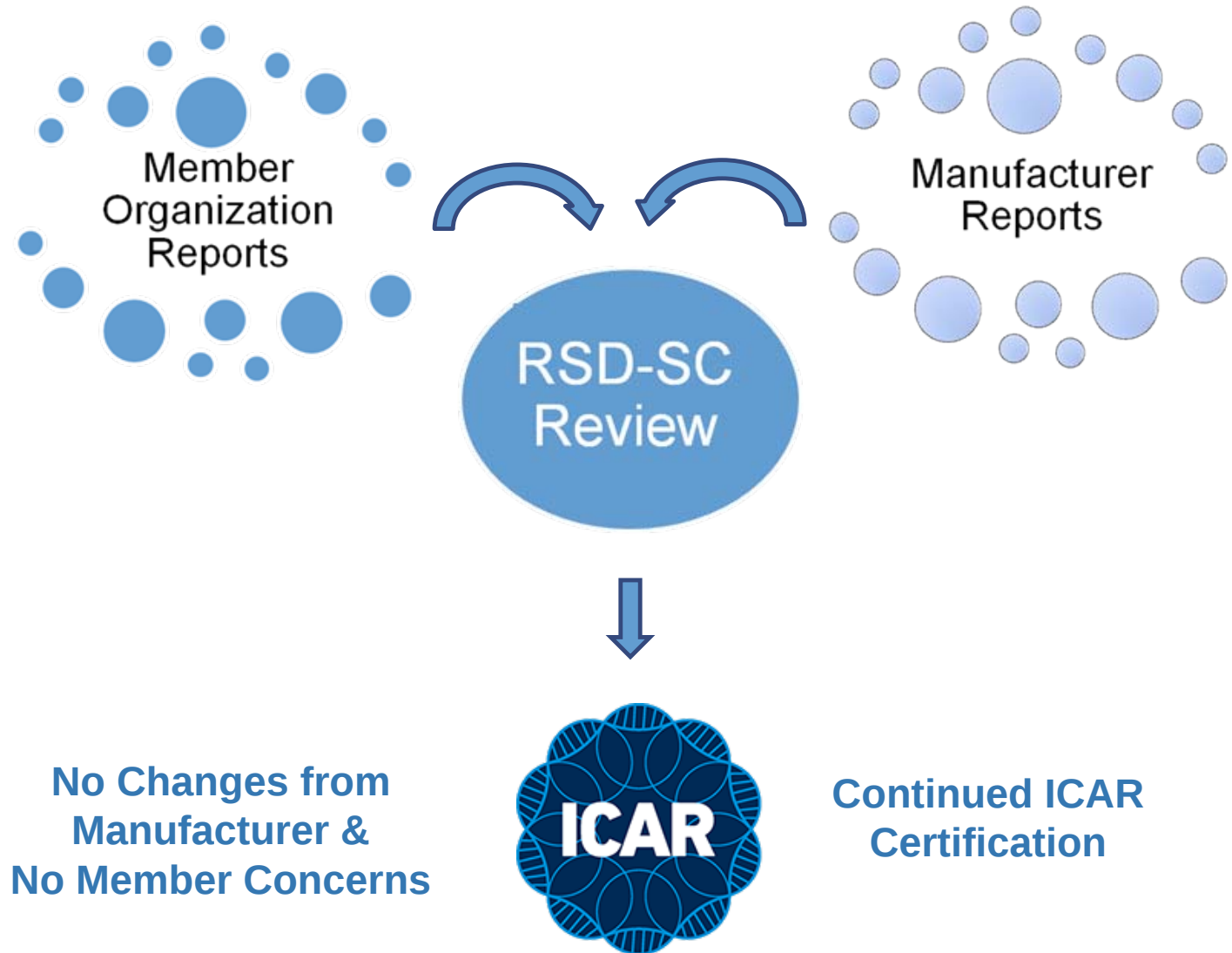


- 3.0 cm by 4.5 cm
- Required for all ICAR-certified devices
- Manufacturer, Model, Year, Species & Mounting Position
- Barcode (2/5 interleaved) with unique serial number
- Custom and/or larger labels available for AMS & shuttles
- Application is a component of continued certification

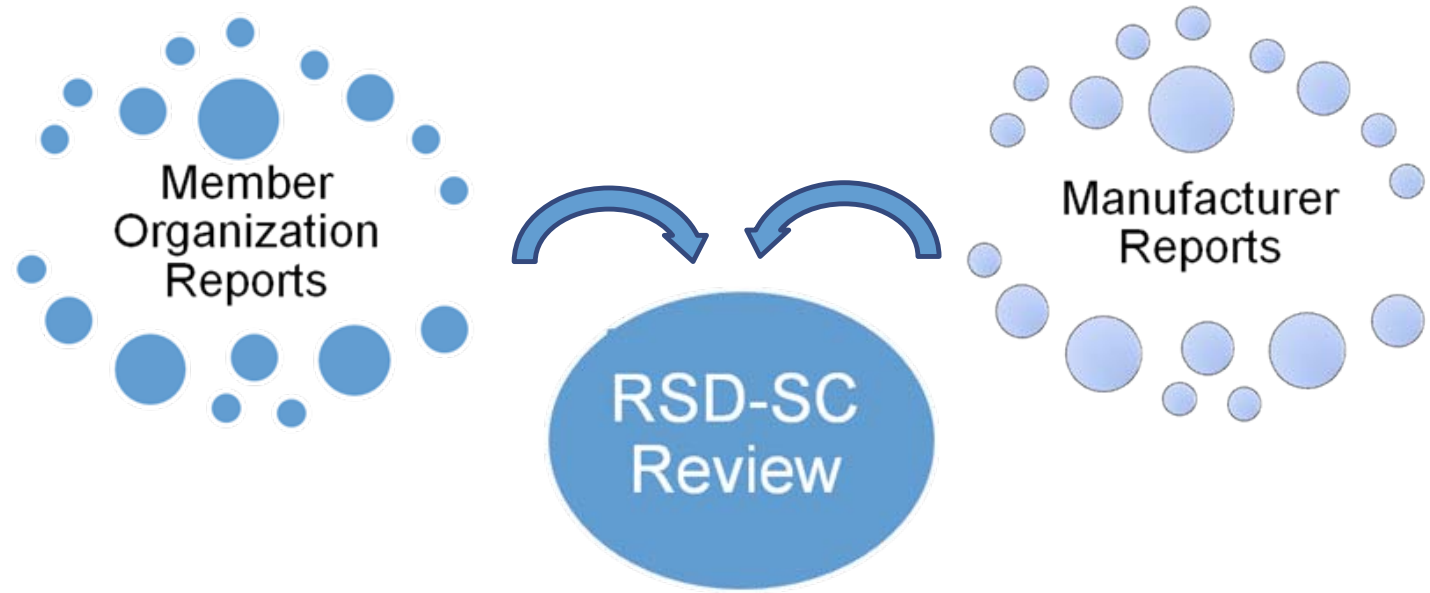
No Change in Testing & Certification Procedure for Recording & Sampling Devices



Annual Process for Review of Devices by the RSD- SC



Issues That Could Result in Suspension of Device Certification



Manufacturers

- No manufacturer report
- Changes in device that require testing or desk review
- Devices not labeled as outlined in ICAR Guidelines

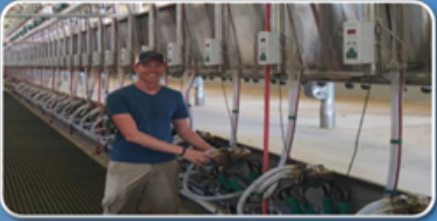
Members

- Device accuracy or performance issues
- Unreported design changes
- Routine calibration issues

Working with Manufacturers to Restore Certification

- The ICAR RSD-SC is committed to restoring certification of all devices if possible
 - Direct contact with manufacturer documenting the issue or concern
 - Flexible timeline to address challenges
 - Restoration of certification and notice of resolution to members
 - Publication of certification status on ICAR website
- Withdrawal of certification is a potential outcome but only after other measures have been exhausted.

Benefits of New RSD Certification Process



ICAR Members

- Have a voice
- Communicate field issues & concerns
- Expectation of resolution



Device Manufacturers

- Timely reporting of changes in devices to RSD-SC
- Receive qualified feedback from ICAR members
- Cooperative solutions to issues & concerns



ICAR

- Creates synergy between members & manufacturers
- Creates value for the recording and sampling device
- Acts responsibly while driving continuous improvement