

Internal Implementation Process

(IS/ISO 9001:2015)



Department of Agricultural Research and Education and Indian Council of Agricultural Research Ministry of Agriculture & Farmers Welfare

Krishi Bhavan, New Delhi

Internal Implementation Process

(IS/ISO 9001:2015)





Internal Implementation Processes

(IS/ISO 9001:2015)

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Concept and Guidance: Sh Rajeev Lal, Joint Secretary & Management Representative (MR) of DARE/ ICAR, New Delhi

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Department of Agricultural Research and Education and Indian Council of Agricultural Research



QUALTIY POICY

DARE and ICAR are committed to clientele satisfaction and continual improvement for achieving excellence in agricultural research, education and frontline extension. This is achieved through systematic knowledge management, sense of ownership, responsive approach, human resource development, technological up-gradation, conducive work culture and implementation of effective Quality Management System ensuring compliance with applicable requirements.

QUALITY OBJECTIVES

- 1. Achieving the documented measurable targets timely, qualitatively and with enhanced resource use efficiency
- 2. Providing improved service delivery to stakeholders through IT-enabled systems management and human resource development
- 3. Ensuring continual enhancement of clientele satisfaction

Amil.

(Himanshu Pathak) Secretary (DARE) & Director General (ICAR) Krishi Bhavan, New Delhi

Dated: 09th November, 2023

Department of Agricultural Research and Education & Indian Council of Agricultural Research

Internal Implementation Process

Doc No: : DARE/ICAR IIP-02

Issue No: : 02

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Issued by: : MR, DARE/ICAR

Signature

(Rajeev Lal)

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SCOPE of the Quality Management System @ DARE/ICAR

Quality Management System of DARE/ICAR Head Officecovers "All the activities of DARE and ICAR pertaining to coordinating, guiding and managing research, extension and education in agriculture including Crop Science, Horticulture Science, Natural Resource Management, Agricultural Engineering, Animal Science, Fisheries Science, Agricultural Education, and Agricultural Extension are executed through various ICAR institutes, National Research Centers, National Bureaux, Directorates, Project Directorates, Krishi Vigyan Kendras and Agricultural Universities."

Purpose of the Document: To make aware about the IS/ISO 9001:2015 related activities and its processes in DARE/ICAR.

IS/ISO 9001:2015 @ DARE/ICAR

Introduction: International Organization for Standardization (ISO) 9001 is defined as the international standard that specifies requirements for a Quality Management System (QMS). Organizations use this standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements.

The current version of ISO 9001 was released in September 2015. This version ISO 9001:2015 applies to any organization, regardless of size or industry. It specifies the requirements for an effective Quality Management System (QMS), and helps them in: Organize a QMS; Create Satisfied Customers, Management, and Employees; Continually Improve their Processes; and save costs.

Quality Management System: A quality management system is a way of defining how an organization can meet the requirements of its customers and other stakeholders affected by its work. ISO 9001 is based on the idea of continual improvement. It doesn't specify what the objectives relating to "quality" or "meeting customer needs" should be, but requires organizations to define these objectives themselves and continually improve their processes in order to reach them.

Benefits of ISO 9001: 2015: Implementing a quality management system will help in following ways:

- Emphasis on leadership engagement in development of QMS and its implementation.
- Assess the overall context of your organization to define who is affected by your work and what they expect from you. This will enable you to clearly state your objectives and identify new business/service opportunities.
- Put your customers (ICAR-Institutes) first, making sure you consistently meet their needs and enhance their satisfaction. This can lead to repeat customer, new clients and increased business/services for your organization.



- Work in a more efficient way as all your processes will be aligned and understood by everyone in the business or organization. This increases productivity and efficiency, and bringing internal costs down.
- Meet the necessary statutory and regulatory requirements.
- Identify and address the risks associated with your organization

IS/ISO 9001:2015 at DARE/ICAR:

- ✓ The **First** Certificate of Quality Management Systems **(IS/ISO 9001:2008)** was granted to DARE/ICAR by Bureau of Indian Standards (BIS) for three years (from 04.07.2013 to 03.07.2016).
- ✓ This Certificate of Quality Management Systems (IS/ISO 9001:2008) was Renewed (**Second**) by Bureau of Indian Standards (BIS) for three years (*from 02.02.2017 to 14.09.2018*).
- ✓ The **Third** Renewal of this certificate from 14.09.2018 to 03.07.2019 by BIS was issued with its new version i.e., **IS/ISO 9001-2015.**
- ✓ In this regard 137 ICAR officials were trained by conducting "Awareness and Internal Audit Training Course on Quality Management Systems as per IS/ ISO 9001:2015" in collaboration with BIS-NITS, Noida and its Certificates were issued (Annexure-I & II).
- The Certificate was again Renewed (Fourth) for next three years (from 04.07.2019 to 03.07.2022) by BIS.
 - Further, this certificate has been renewed (Fifth) for next three years from 30.11.2022 to 03.07.2025 (*Annexure-III*).
- ✓ To manage the activities related to this certification Joint Secretary, ICAR is the Nodal Officer (On behalf of Secretary DARE and DG, ICAR) which is named as **Management Representative (MR)** for IS/ISO 9001:2015 supported by Quality Management System (QMS) **Coordinators** at each Division/Unit. The **Heads** of each Division/Unit are **responsible** for its implementation and regular maintenance.
- ✓ To update the Quality Manual and System Procedures of DARE/ICAR for IS/ ISO 9001:2015, as well as other relevant assignments of ISO related activities viz. Surveillance/ Internal Audits, Management Review Meeting (MRM), document revisions etc., a **Working Group** has been nominated which is supporting to Management Representative (MR) of IS/ ISO 9001:2015 (Annexure-IV).
- ✓ A **Management Review Committee** has been constituted to review the operation and effectiveness of Quality Management System. The committee consists of:

Secretary DARE and DG, ICAR

Addl. Secretary DARE and Secretary ICAR Divisional Heads Management Representative (MR) Any other member (s) as desired by Chairman

Chairman

Dy. Chairman Members Coordinator



Work Responsibilities of Management Representative (MR) Unit

To maintain and sustain this certification on regular basis, MR of DARE/ICAR has to Organize:

- ✓ Awareness Trainings/Programmes/ Meetings,
- ✓ Internal Audits,
- ✓ Management Review Meeting (MRM),
- ✓ Creation and Revision of Documents/Activities,
- ✓ External Audits viz. Surveillance Audit, and Renewal Audit, and
- ✓ Other Mandatory Requirements of the Standard.

Important Documents of IS/ISO 9001:2015:

All the Divisions/Units have to maintain following documents for execution of IS/ISO 9001:2015 activities at their office:

- ✓ *Quality Manual:* A quality manual is a document that states the organization's intentions for operating and executing the processes within its Quality Management System.
- ✓ *Common/ System Procedures:* This document consists of operating procedures according to the Quality Manual.
- ✓ *Quality Policy and Quality Objective:* Quality Policy is a dynamic document which should be widely communicated, understood and adopted throughout the organization. Quality Objectives have been developed to implement the Quality Policy addressing overall organizational focus.
- ✓ *Divisional Document:* This document is compilation of Organogram, Responsibility and Authority, Objective/Targets, Major Activities, Key Achievements, area for improvements, customers, quality system documents etc. A template of the Divisional Document is explained at *Annexure-V*. This document must be signed by the concerned Division/Unit Head only. The signed (Scan) copy of this document should be sent to MR Unit for record keeping.
- ✓ Internal Documents: TThese are the documents viz. Decisions, Guidelines, Reports, Office Orders, Manuals etc. which were created/ issued/ prepared by the DARE/ICAR eg. Guidelines for AICRP/QRT, Decisions of Personnel/ Administration Divisions for Scientific/Technical Service Management, Annual Reports etc.
- ✓ External Documents: These are the documents viz. Decisions, Guidelines, Reports, Office Orders, Manuals etc. which were issued/ prepared by other organizations viz. Decisions and Guidelines of DOPT, Ministry of Finance, Acts and Rules of PPV&FRA, Patents, Biodiversity Authority etc., and are required/useful in DARE/ICAR's office procedures/activities.
- ✓ *Internal Audit Report:* This is the work efficiency report submitted by Internal Auditor (twice in a year) to the QMS Coordinator and MR Unit.



- ✓ **Customer Feedback:** Feedback provided by customers i.e. *ICAR-Institutes* about the services provided by concerned Division/Unit.
- ✓ Corrective and Preventive Actions (CAPA): These are the actions/changes/initiative taken by the Division/Unit to improve the quality of services to satisfy the need of their customer.

Important Individual/Terms of IS/ISO 9001:2015:

QMS Coordinator: An employee of DARE/ICAR (Under Secretary and Above), nominated by his/her Division/Unit head for executing and managing IS/ISO 9001:2015 activities in his/her Division/Unit. QMS coordinator is the Auditee for Internal/Surveillance/Renewal Audits for his/her Division/Unit.

Internal Auditor: An employee of DARE/ICAR (Section Officer and Above), trained by BIS-NITS under "Awareness and Internal Audit Training Course on Quality Management Systems as per IS/ISO 9001:2015" shall be nominated by Management Representative (MR) to execute Internal Audits in the Divisions/ Units. Internal Auditor is responsible for auditing all the QMS related activities on time and if require raise non-conformity(es); and report to the MR.

Internal Audit: This is the major activity of the MR Unit to maintain the quality of services at all Divisions/Units DARE/ICAR by auditing/inspecting their services with trained Auditors at specified intervals i.e., Twice in a year per standard given in the quality manual.

Surveillance Audit: This audit is conducted by BIS for the first two years of the certification with a team of 3 to 4 lead auditors, where they will audit/inspect all the Divisional/Unit QMS related activities.

Renewal Audit: This audit is also conducted by BIS in the third year of the certification with a team of 3 to 4 lead auditors, where they will audit/inspectall the Divisional/ Unit QMS related activities, and recommend for Renewal/ Rejection.

Follow-up Audit: This audit is conducted by MR in case of improper results of internal audit or on the recommendation of top management.

Management Review Meeting (MRM): Management Review is an important activity of MR Unit which shall be conducted twice in a year (after completing the internal audit), to ensure continuing suitability and effectiveness of QMS in meeting Quality Policy & Objectives.

Preparation for Internal/External Audits:

To face an/a Internal/Surveillance/Renewal audit of IS/ISO 9001:2015, an auditee/QMS Coordinator should be ready with following documents:

- ✓ Internal Audit Report(s)
- ✓ Closure and Reporting to MR for Non-Conformity(es) (NCs), if any
- ✓ Copy of a Quality Manual



- ✓ Copy of Common/System Procedures
- ✓ Display of Quality Policy and Quality Objective in the office premises
- ✓ Important files/documents in hard/soft form
- ✓ Customer Feed-back from concerned ICAR Institutes
- ✓ Report on Customer Feed-back
- ✓ List of Internal and External Documents in hard/soft form
- ✓ Management Review Meeting (MRM) agenda and its decisions



Annexure-I

Copy of Certificate of Awareness and Internal Audit Training Course on Quality Management Systems as per IS/ISO 9001:2015





This is to certify that Pawan Kumar Ojha

has attended

"Awareness and Internal Audit Training Course

on

Quality Management Systems as per IS/ISO 9001:2015"

held during

05-06 April 2018

at

Indian Council of Agricultural Research, New Delhi conducted by

National Institute of Training for Standardization, Bureau of Indian Standards

शिल्ला विकास (D. P. Kumar) (पाठ्यक्रम समन्वयक/Course Co-ordinator) (Binod Kumar Sinha) (知現個/Head-NITS)

राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान/National Institute of Training for Standardization भारतीय मानक ब्यूरो/Bureau of Indian Standards

লয় মানন, ব্যায় হর্ব ব্যর্কারণিক বিভাগে পর্যায়াংক/Ministry of Consumer Affairs, Food & Public Distrib A 20-21, Institutional Area, Sector-62, NOIDA-201309, UP Ph.: 0120 4670227, 4670232, Email: nits@bis.gov.in, hnits@bis.gov.in Web: www.bis.gov.in





Annexure-II

Photographs of Awareness and Internal Audit Training Course on Quality Management Systems as per IS/ISO 9001:2015







Annexure-III

IS/ISO Certificate Issued by BIS to DARE/ICAR



and in (eathern of the 5 th war-fer (t) at this Form III (Refer Sub-Pana (S) of Form 3 of Scheme III)

भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

गुणता प्रबंध पद्धति प्रमाणन लाइसेंस

LICENCE FOR THE QUALITY MANAGEMENT SYSTEMS CERTIFICATION

राष्ट्रीय प्रत्यावन प्रमाणन निकाय बोर्ड, नई दिल्ली द्वारा प्रत्यायित (Accredited by National Accreditation Board for Certification Bodies, New Delhi)



लाइसेंस सं. म.क्षे.का/क्यूएम/एल – 8003417.3 Licence No. CRO/QM/L- 8003417.3

1.भारतीय मानक ब्यूरी अधिनियम, 2016/2016 का 11) द्यारा घटान की गई शक्तियों के अधार पर, ब्यूरी

By virtue of the power conferred on it by, the Bureau of Indian Standards Act 2016 (11 of 2016), the Bureau hereby recertifies
M/s Department of Agriculture Research,
मैंसर्स डिपार्टमेंट ऑफ प्रवीकन्धर रिसर्प

& Education (DARE), and Indian Council of Agricultural Research (ICAR), Krishi Bhavan, Dr. Rejendra Prasad Road.

New Delhi - 110 001

मैंसर्व डिपार्टमेंट ऑफ प्योकन्यर रिसर्य एण्ड पनुष्टेकाम (डीएआएड) एण्ड एडियम काउंजित ऑफ प्योकन्यरत रिसर्य (आडबीएआर), कृषि भाग, वाँ राजेंद्र प्रसाद रोड, नर्ड दिल्ली - 110001

को (जिन्हें इसके बाद लाइसेस्पारी कहा गया है)। इसके साथ तभी अनुसूधी में विशेष रूप से वर्णित उत्पादी औराया सेवाओं वा प्रकानों के संबंध में दस्ते के मुगता प्रबंध पद्धिविकाणका के लाइसेस्पारियों के रजिस्टर (ती) में उन्हें से कार्यों से मूर्पिबंदि होने का अधिकार और बाइसीस प्रदान करता है, जो इस लाइसीस की है। इस प्रवाद के उत्पाद औराप्त सेवाण या प्रकान लाइसेस्पारी द्वारा, आईपस्त्रआईएसओं 9001:2015 के अनुकृष मूजला प्रबंध पद्धिति के अनुसार केवान अपर बताएं गए पते पत्ती पर निर्मितायदा प्रचालित किए जाएंसे।

(hereinafter called the Licensee) the right and licence to be listed in the Bureau's register(s) of Licensees of Quality Management Systems Certification in respect of the products and/or services of processes particularly described in the schedule hereto, bearing the same number as this licence. Such products and/or services or processes shall be manufactured provided/carried out by the Licensee at only the address (es) given above, and under the Quality Management Systems in accordance with

IS/ISO 9001:2015

2. यह लाइलेंग इस लाइलेंग का विलियन करने वाले उपयोक्त अपिनियम और इसके अपीन बनाए गए नियमों और विनियमों के संबद्ध पाण्यानों के अंतर्गत नवीकृत किया गया है और लाइलेंसफरी एलट द्वारा व्यूरों को उपयोक्त नियमों और विनियमों का विधियन पालन करने का बचन देता है ।

The licence is recertified subject to the relevant provisions of the above Act and the rules and regulations made here under governing the licences referred to above, and the Ucensee hereby covenants with the Bureau duly to observe with the said Rules and Regulations.

वह लड़बेल 30 संबंदर 2022 से 03 मुमाई 2025-तक केंग्र होगा और इसका विशिधकों के अनुसार सर्वोक्षण किया आसकेग्य । This licenou shall be valid from 30 November 2022 to 03 July 2025 and may be recertified as prescribed in the Regulations.

2022 * moiet mg * elteral flor gromafiles via agelifica Signod. Scaled and dated this Thirrieth day of November 2022 (Smt. Soch Late)
Deputy Director General (Central)
For BUREAU OF INDIAN STANDARDS

Last certification expiry date 03 July 2022

Certification audit Date 22-24 Aug 2022 * Recertification Due Date 63 July 2025









Page 1 of 2





Q





MSC-F6.4-12 Issue - 04

ताइसँस सं. म.क्षे.का/क्यूपम/एल – 8003417.3 Licence No. CRO/QM/L-8003417.3

जारी: मैंसर्स डिपार्टमेंट ऑफ़ एयीकरूपर रिसर्च एण्ड एजुकेशन (डीएआरइ) एण्ड इण्डियन काउंसिल ऑफ एयीकरूपरल रिसर्च (आइसीएआर),

- 1. कृषि भवन डॉ राजेंद्र प्रसाद रोड, नई दिल्ली tto oot
- 2. कृषि अनुसंधान भवन -। पूसा नई दिल्ली ११००१२
- 3. कृषि अनुसंधान भवन -॥ पूसा, नई दिल्ली ११००१२

Issued to: M/s Department of Agriculture Research and Education (DARE) and Indian Council of Agriculture Research (ICAR)

- 1. Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi- 110 001
- 2. Krishi Anusandhan Bhavan -I , Pusa, New Delhi 110 012
- 3. Krishi Anusandhan Bhavan -II , Pusa, New Delhi 110 012

अनुसूची SCHEDULE

वे उत्पाद सेवाएं प्रक्रम जिनके संबंध में कमें को गुणता प्रबंध पद्धति प्रमाणन साइसेंस **मदीकृत** किया गया है

Products Services/Processes with respect to which the firm has been recertified the licence for Quality Management Systems Certification:

"All the activities of DARE and ICAR pertaining to coordinating, guiding and managing research, extension and education in agriculture including Crop Science, Horticulture Science, Natural Resource Management, Agricultural Engineering, Animal Science, Fisheries Science, Agricultural Education and Agricultural Extension are executed through various ICAR institutes, National Research Centers, National Bureaux, Directorates/Project Directorates, Krishi Vigyan Kendras and Agricultural Universities. However, Design and Development of products and Services (Clause 8.3) and property belonging to customers or external providers (Clause 8.5.3) are not applicable to the organization."

Snellats

(Smt. Sneh Lata) Deputy Director General (Central) भारतीय मानक ब्यूरों के लिए For BUREAU OF INDIAN STANDARDS







Page 2 of 2



Annexure-IV



भारतीय कृषि अनुसंधान परिषद INDIAN COUNCIL OF AGRICULTURAL RESEARCH

कृषि भवन, डा॰ राजेन्द्र प्रसाद मार्ग, नई दिल्ली-११०००१

Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi 110001 Ph. No. 023386087, Fax No. 011-23387293, E-mail:ajaiverma.icar@nic.in

F.No. 4(3)/2023-Gov. Cell

Date:

o1st

November, 2023

OFFICE ORDER

Subject: - Constitution of a working group for timely execution of IS/ISO 9001:2015 certification activities at DARE/ICAR Hqrs.

In continuation of Council's Officer Order of even no. dated 14.08.2023, the member(s) of the working group is revised as following, to support the Management Representative (MR), ICAR for timely completion of IS/ISO 9001:2015 certification related activities of DARE/ICAR: -

S. No.	Name of the Officer
1	Dr. K.P. Singh, Pr. Scientist, ICT Division
2	Ms. Sunita Sharma, Director, Agril. Extn.
3	Dr. Vikram Singh, Sr. Scientist, IPTM
4	Sh. Ajai Verma, DS (Gov. Cell)
5	Sh. Rajesh Kumar Jha, DS (Agril. Edn.)
6	Sh. Anshul Gupta, US(TS)
7	Sh. N.K. Sarvang, US (Gov.Cell)
8	Sh. Himanshu Kumar, US(Admn.)

The other contents of the O.O. dated 14.08.2023 will remain the same.

(Ajai Verma) Deputy Secretary (Gov.Cell)

Distributions: -

- 1. All Officers of working group
- 2. All concerned Divisional Heads

Copy to:-

- DDG(Central), BIS, Unit No.-601-A, 6th Floor, Tower-1, Konnectus Tower, DMRC Building, Bhavbhuti Marg, Opp. New Delhi Railway Station Gate No.2 (Towards Ajmeri Gate side), New Delhi-110001.
- All DDGs, ICAR Hqrs.
- ADG, IPTM, ICAR Hqrs.
- 4. All Directors of ICAR Institutes.
- PPS to Secretary DARE & DG, ICAR.
- 6. Sr. PPS to Addl. Secretary (DARE) & Secretary (ICAR).
- PPS to AS & FA, DARE/ICAR.
- E-office Notice Board/Guard File.

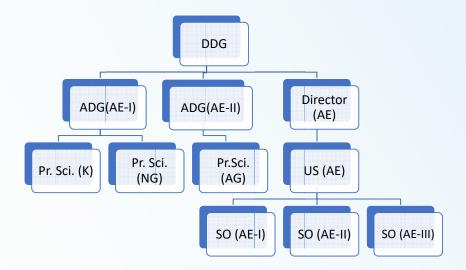


Annexure-V

Tentative Template for Preparing/Changing/Improving the Divisional Document of IS/ISO 9001:2015

1. **Organogram:** This part should include only the name of the post of officers (from HoD to SO/Assistant/Dealing Hand)

Example:



- 2. **Responsibility and Authority** (of the above-mentioned officers only): The description of the responsibilities should be in the line of divisional objectives and activities. It should not exceed five to six sentences.
- 3. **Divisional Objectives/Targets:** Objectives should reflect the major activities of Division, and inter linked with above responsibilities and procedures. Objectives should not be more than five or six.
- 4. *Major Activities of the Division:* Activities will be linked with responsibilities of the above-mentioned officers, objectives and procedures. These activities must be repetitive in nature.
- 5. *Five key achievements of the Division:* On the basis of above objectives and activities.
- 6. *Improvement Areas:* This section should include the space for improvement to enhance the customer's satisfaction.
- 7. *Customers of the Division:* In this part SMDs can give the list of their institutes/AICRPS/SAUs/ATARIs etc. Other Divisions/Units can add their respective customers. Please restrict on directly related customers only.
- 8. *List of Abbreviations:* All the short forms used in above seven points should be enlisted here.



9. Procedures:

- 1. **Purpose:** This part should give brief detail of above-mentioned procedure
- 2. **Scope:** To whom it will impact or address
- 3. *Overall Responsibility:* Post of the Officer who will lead the process
- 4. **Procedure:** This part should include the steps of the procedure with responsible officer and concerned documents.

Sl. No.	Activity/ Description	Responsibility	Ref. Doc. / Record
4.1			
4.2			
4.3			

- 5. *Abbreviations:* If anything used in above process which has not been included in introduction part.
- 6. Process Efficiency Criteria/ Quality Plan:

Sl. No.	Activity Sl. No.	Activity	Efficiency Criteria
4.1			
4.2			
4.3			

Notes

Notes

