



April 10, 2026

**MEMORANDUM CIRCULAR No. 43**  
*Series of 2026*

**TO :** THE SENIOR DEPUTY ADMINISTRATOR, DEPUTY ADMINISTRATORS, REGIONAL/DEPARTMENT/PROJECT MANAGERS, DIVISION MANAGERS AND ALL OTHER CONCERNED

**SUBJECT :** CREATION OF REVIEW AND INSPECTORATE GROUP FOR SOLAR-POWERED PUMP IRRIGATION PROJECTS/SYSTEMS

In line with the continued expansion, standardization, and sustainability of Solar-Powered Pump Irrigation Projects/Systems (SPIP/SPIS), there is a need to institutionalized a central framework to ensure that all projects—whether utilizing groundwater or surface water sources—are planned, evaluated, implemented, and monitored in accordance with established technical standards and sustainability principles.

With the increasing scale and diversity of SPIP/SPIS nationwide, variations in source assessment, system design, and implementation practices across operating units highlight the need to further harmonize approaches in order to safeguard system performance, water sustainability, and operational efficiency. Strengthening a unified and coordinated process for evaluating groundwater availability, surface water reliability, and solar-powered system optimization is essential to promote consistency in project outcomes and enhance the effectiveness of irrigation service delivery.

Accordingly, the establishment of a centralized, multi-level technical body is necessary to provide policy direction, technical oversight, and continuous performance evaluation. This framework will ensure that all SPIP/SPIS are developed and managed in accordance with sound engineering practices, hydrologic and hydrogeologic principles, and climate-resilient water resource management strategies.

In view thereof, the **Review and Inspectorate Group (RIG)** is hereby created as the Agency's principal technical body responsible for the evaluation, validation, inspection, monitoring, and performance assessment of SPIP/SPIS nationwide, operating through a structured system at the Steering/Oversight, Central, Regional, and Field levels.

**1. COMPOSITION**

**1.1 STEERING/OVERSIGHT COMMITTEE (SC/OC)**

Chairman	:	Administrator
Co-Chairman	:	Senior Deputy Administrator
Vice-Chairman	:	Deputy Administrator for Engineering and Operations
Members	:	Manager, Engineering Department (ED) Manager, Operation Department (OD)



**Members :** Manager, Project Planning Division, ED  
Manager, System Management Division, OD  
Manager, Equipment Management Division, OD  
Manager, RIO  
IMO Manager

### **1.2 CENTRAL REVIEW AND INSPECTORATE GROUP (CRIG)**

**Chairman :** Representative, Equipment Management Division, OD  
**Co-Chairman :** Representative, Project Planning Division, ED  
**Members :** Representative, System Management Division, OD  
Representative, Project Planning Division, ED  
Representative Construction Management Division, ED  
Representative Design and Specification Division, ED  
Representative Institutional Development Division, OD

### **1.3 RIO REVIEW AND INSPECTORATE GROUP (RRIG)**

**Chairman :** Chief Planning & Design Section  
**Members :** Chief Operations Section  
Chief Construction Management Section

### **1.4 FIELD REVIEW AND INSPECTORATE GROUP (FRIG)**

**Chairman :** Chief IMO Engineering Section  
**Member :** Chief IMO Operations and Maintenance Section

## **2. GENERAL FUNCTIONS/DUTIES AND RESPONSIBILITIES**

The RIG shall serve as the central body for ensuring technical integrity, operational efficiency, and sustainability of SPIP/SPIS. It shall perform, but not be limited to, the following:

- Conduct comprehensive technical review, validation, inspection, and monitoring of all SPIP/SPIS across all project stages;
- Evaluate groundwater resource investigations, including geophysical surveys, pumping tests, recharge assessments, and aquifer sustainability analyses;
- Review and validate system designs, hydraulic configurations, solar photovoltaic (PV) systems, and electro-mechanical specifications;
- Monitor project implementation, including construction activities, equipment installation, and adherence to approved plans, specifications, and timelines;
- Assess operational performance, system efficiency, and service delivery, including functionality of irrigation distribution and water delivery systems;
- Establish, maintain, and update a centralized database/registry of SPIP/SPIS, including technical, operational, and performance-related information;
- Formulate, adopt, and periodically update technical standards, guidelines, protocols, and evaluation criteria for SPIP/SPIS development and management;
- Identify technical, operational, environmental, and institutional risks, and recommend appropriate corrective and preventive measures;

- Provide technical assistance, advisory services, and capacity-building support to regional and field offices, including training on groundwater assessment, system operation, and maintenance;
- Ensure compliance with environmental safeguards, groundwater sustainability principles, and climate-resilient irrigation practices;
- Conduct post-project evaluation and performance audits to inform policy refinement and future project development;
- Facilitate coordination among concerned offices and stakeholders to ensure integrated and efficient project implementation.

## **2.1 STEERING/OVERSIGHT COMMITTEE (SC/OC)**

The Steering/Oversight Committee shall provide strategic direction and overall supervision of RIG operations and shall:

- Provide overall policy direction, guidance, and oversight on the implementation of RIG functions;
- Approve policies, technical guidelines, standards, and strategic directions related to SPIP/SPIS;
- Ensure alignment of SPIP/SPIS development with national irrigation priorities, water resource management policies, and agency programs;
- Review and approve major recommendations, findings, and policy issuances of the RIG;
- Resolve policy-level and inter-office issues affecting project implementation and sustainability;
- Represent the Agency in inter-agency coordination, policy discussions, and high-level engagements related to solar irrigation and water resource management;
- Ensure institutional support, resource allocation, and organizational strengthening of the RIG.

## **2.2 CENTRAL REVIEW AND INSPECTORATE GROUP (CRIG)**

The CRIG shall serve as the central technical authority and shall perform detailed evaluation, validation, and technical oversight functions through the following divisions:

### **Project Planning Division (PPD-ED)**

- Review and validate groundwater investigations, including geo-resistivity surveys, pumping tests, recharge assessments, and hydrogeologic analysis;
- Assess aquifer characteristics, groundwater availability, and long-term sustainability of proposed sources;
- Provide technical recommendations on groundwater development and abstraction limits.

### **Design and Specifications Division (DSD-ED)**

- Review and validate system design parameters, hydraulic layouts, and engineering specifications;
- Evaluate solar PV system configurations, pump sizing, and energy requirements;
- Ensure compliance with design standards, efficiency criteria, and safety requirements.

#### **Construction Management Division (CMD-ED)**

- Evaluate construction methodologies, work programs, and quality assurance/quality control (QA/QC) procedures;
- Monitor compliance with approved plans, specifications, and construction standards;
- Recommend corrective actions for deviations and construction-related issues.

#### **Systems Management Division (SMD-OD)**

- Validate irrigation service area and system functionality;
- Monitor operational performance, system efficiency, and water delivery effectiveness;
- Evaluate system utilization and identify opportunities for optimization.

#### **Equipment Management Division (EMD-OD)**

- Evaluate electro-mechanical equipment specifications and standards;
- Inspect installed pumps, motors, inverters, and solar components for compliance and functionality;
- Recommend maintenance protocols and equipment performance standards.

#### **Institutional Development Division (IDD-OD)**

- Validate farmer-beneficiaries and Irrigators' Associations (IAs) readiness and organizational capacity;
- Review operation and maintenance (O&M) plans, agreements, and institutional arrangements;
- Assess sustainability of institutional support systems and stakeholder participation.

### **2.3 RIO REVIEW AND INSPECTORATE GROUP (RRIG)**

The RRIG shall serve as the implementing arm of the RIG at the regional level and shall:

- Conduct regional-level technical review and validation of project proposals prior to endorsement to the Central Office;
- Supervise and monitor project implementation to ensure compliance with approved plans, standards, and timelines;
- Provide technical assistance and guidance to field offices and project implementers;
- Validate field data, conduct spot inspections, and verify reported accomplishments;
- Consolidate regional reports and submit periodic updates to the Central Office;
- Coordinate with concerned divisions and stakeholders to address technical and operational issues.

### **2.4 FIELD REVIEW AND INSPECTORATE GROUP (FRIG)**

The FRIG shall serve as the frontline technical unit responsible for on-site implementation support and shall:

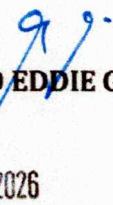
- Conduct site inspections, monitoring, and validation of project activities at various stages;
- Evaluate construction progress, installation of equipment, and adherence to technical specifications;
- Monitor system operation, functionality, and performance at the field level;
- Identify technical, operational, and site-specific issues and recommend appropriate solutions;

- Facilitate coordination with Irrigators' Associations (IAs), local stakeholders, and beneficiaries for effective operation and maintenance;
- Document field observations and submit reports to the RRIG for consolidation and action;
- Support data collection, validation, and updating of the centralized SPIP/SPIS registry

### 3. EFFECTIVITY

All existing issuances inconsistent herewith are hereby repealed, amended, or modified accordingly. This Memorandum Circular shall take effect immediately upon issuance.

For your strict compliance.

  
**ENGR. EDUARDO EDDIE G. GUILLEN**  
Administrator

Date: 27 APR 2026