



# OMEGA QMS PRIVATE LIMITED

## **Important Regulatory Update:**

**Testing Requirements of Rated Capacity of  
Portable Sealed Secondary Lithium Cells &  
Batteries**

**IS 16046 (Part 2) Compliance Requirements**




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 MeitY OM: 03 Feb 2026

 BIS Guidelines: 10 Feb 2026

# Introduction

## Greetings from Omega QMS Private Limited

-  Portable sealed secondary Lithium cells and batteries under **IS 16046 (Part 2): 2018 / IEC 62133-2:2017** now require mandatory measurement and verification of **rated capacity**.
-  This new requirement is based on **MeitY OM dated 03 Feb 2026** and **BIS implementation guidelines dated 10 Feb 2026**.
-  **Objective:** To ensure accurate capacity declaration and protect consumer interests against misdeclaration.

# Regulatory Background

## Compulsory Registration

**IS 16046 (Part 2): 2018** was notified by MeitY under the **Electronics and IT Goods (Requirements for Compulsory Registration) Order, 2021**.

## New MeitY Mandate

To protect consumer interests, MeitY (via OM dated 03 Feb 2026) has now mandated the **measurement and verification of rated capacity** for all sealed secondary Lithium cells and batteries.

# Regulatory Background

## Required Test Method

Testing must be conducted as per **Clause 7.3.1** of [IEC 61960-3:2017](#) / [IS 16047 \(Part 3\): 2018](#)





*Focus: Discharge performance at 20°C.*

## Compliance Reporting

The measured capacity results must now be officially reported for compliance under the existing safety standard **IS 16046 (Part 2)**.

# Key Regulatory Requirements

## Mandatory Rated Capacity Testing

-  Rated capacity must be measured as per **Clause 7.3.1** (Discharge performance at 20°C) of IS 16047 (Part 3):2018/IEC 61960-3: 2017.
-  The measured capacity must be explicitly reported for compliance under **IS 16046 (Part 2)**.
-  Test reports must be issued by **BIS-recognized third-party laboratories**.
-  BIS will publish a revised **Test Report Format**; labs are required to report measured capacity under **Clause 4** in the modified Unified Test Report Format of IS 16046 (Part 2): 2018/IEC 62133-2:2017.

# Existing Licensees — Timeline & Process

## Target Date: 30 April 2027

Licenses Expiring Before 30 Apr 2027

All existing licensees with validity up to this date must ensure compliance to Clause 7.3.1 by **30 April 2027**.

## Target Date: Licence Expiry

Licenses Valid Beyond 30 Apr 2027

Licensees valid past April 2027 must ensure compliance by the **last date of validity** of their licence.



## Submission Process



### Submit Test Reports

*Must be issued by a BIS-recognized third-party laboratory for all lead models.*



### Generate LIMS Request


*Create a test request through the LIMS portal for IS 16046 (Part 2).*




### Apply Online


*File application under "Standard Revision / Amendment / Essential Requirement" module.*

# Undertakings & Consequences

 Licensees must provide an undertaking that remaining models comply with **Clause 7.3.1 (Discharge performance at 20°C)**.

 **Lab Reporting Requirement:** Labs must indicate the safety test report number (IS 16046 Part 2) in the rated capacity test report.

 **Measured Capacity:** Must be reported under **Clause 4** in the modified Unified Test Report Format.

 **Consequences of Non-Compliance:**  
Failure to complete actions by the applicable dates may result in **suspension or cancellation** of the licence, or deletion of models from the scope.


# New Applicants: Transition Provisions

## Sample Submitted / Report Issued

Existing applications where sample has been submitted to the lab or Test Report has been issued may be **processed without additional testing** for Clause 7.3.1 (Discharge performance at 20°C).





## Applications Under Process

Other applications under process (IS 16046 Part 2) shall be processed provided the applicant gives an **undertaking** to submit the Clause 7.3.1 test report by the last date of licence validity.

 **Beyond 30 April 2027: No licence shall be granted unless the rated capacity test is reported in the IS 16046 (Part 2) test report.**

# Surveillance Conditions

## Requirements effective from **1st May 2027** for New Registrations

-  The mandate applies to all new registrations, inclusions, and renewals starting **May 1, 2027** (per MeitY OM).
-  Existing registrations remain valid during their current validity period, but are now **subject to surveillance conditions**.
-  Samples picked during market surveillance will be rigorously verified for **rated capacity performance**.
-  Measured rated capacity must remain within **specified limits** to avoid potential regulatory actions.

# Testing Requirements — Summary

## Verification Standard

Verify rated capacity as per Clause 7.3.1 of

**IS 16047 (Part 3): 2018**

/

**IEC 61960-3:2017**

*(Discharge performance at 20°C)*

## BIS Recognized Labs

Obtain Test Report(s) for all **lead models** from a BIS -recognized third-party laboratory.

Internal test reports are not sufficient for this compliance requirement.

# Testing Requirements — Summary

## Report Format

Labs must indicate the safety test report number ( **IS 16046 (Part 2): 2018** ) and report measured capacity in the **modified Unified Test Report Format** (Clause 4).

## Remaining Models

For series models not tested as lead models, manufacturers must provide a signed **undertaking** confirming compliance with the rated capacity requirements.

# Sample Requirements & Lead Time

## **Rated Capacity**

**Sample quantity required** – Batteries ( 3 pcs )  
– Cells ( 25 pcs )

**Lead time:** 1 week

## **Complete Testing**

**Sample quantity required** – Batteries ( 26 pcs )  
– Cells ( 70 pcs )

**Lead time:** 10 Days ( Battery ) , 2 Weeks ( Cell )

# Action Required — Immediate Steps



## Act Now

The enforcement timeline is strict. Early action is critical to avoid last-minute compliance rushes and potential license suspension.

1 Review current licence validity dates & scope

2 Identify all lead models requiring testing

3 Engage a BIS-recognized third-party laboratory

Critical

4 Generate test request through CRS Portal





5 Prepare undertaking for remaining models



Submit applications before deadlines

# Why Early Action Is Critical

## **Strict Enforcement & Risk of Business Disruption**

-  **Clear Enforcement Dates:** Compliance is mandatory by **30 April 2027** for existing licensees and effective from **1 May 2027** for all new applications.
-  **Severe Consequences:** Failure to submit test reports by the deadline may lead to **suspension or cancellation** of the licence or deletion of models.
-  **Surveillance Readiness:** Products in the market will be tested for rated capacity. Early compliance ensures you are safe during **random surveillance checks**.
-  **Avoid Bottlenecks:** Laboratory testing slots and LIMS processing times will increase as the deadline approaches. **Act now** to avoid delays.

# How Omega QMS Can Help

## Expert BIS Guidance

Strategic advice on interpreting the new MeitY/BIS guidelines and identifying impact on your specific models.

## Laboratory Coordination

Seamless facilitation with BIS-recognized labs for Clause 7.3.1 rated capacity testing.

## Application Support

Full support for generating test requests and filing applications under the Standard Revision/Amendment/Essential Requirement module.

## Documentation Prep

Preparation of all required undertakings & review of test reports to ensure complete compliance.

## End-to-End Management

Comprehensive management of the compliance lifecycle from initial assessment to final approval.

## Milestone Tracking

Proactive monitoring of license validity dates and submission deadlines to prevent lapses.

## Compliance Journey

# Thank You!

Compliance with **rated capacity testing** is mandatory within the specified timelines. Early action is strongly recommended to avoid licence suspension.

Omega QMS Private Limited is ready to support your compliance journey.



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