

Asia Pacific  
**Jakarta**  
**Technology**  
**Centre Capability**  
**Statement**

Jakarta, Indonesia



#### **Global Leader with Extensive Local Services**

Metso Technology Centres are committed to providing the highest standard of testing to support our technologies. Our goal is simple: precision in equipment selection and sizing, as well as steadfast support for your existing machinery.

Metso has more than 20 years' experience in providing high-quality testing for clients and industry. As part of Metso's global technology centre network, we bring you the best practices and innovations from across the globe. All tests adhere strictly to Metso's specifications, ensuring the highest standards and consistent, high-quality results.

At the Jakarta Technology Centre, our test work is carried out to the same exacting standards worldwide to deliver the value, consistency, reliability and safety that our customers expect and rely on.



#### **Enabling Sustainable Modern Life**

We aim to be a sustainability leader in our industry and our strategy identifies sustainability as one of our four strategic priorities. By innovating new and advanced technologies and by improving our ways of operating, we help to create a more sustainable future.

That's why we are the  
**Partner for Positive Change.**

**Metso  
PLUS**

## Jakarta Technology Centre: Your Trusted Partner

Our Jakarta Technology Centre is dedicated to servicing our mining customers in Indonesia and the surrounding Asia Pacific region. We offer a comprehensive range of filter testing services to optimise existing equipment and assist with new equipment sizing.

Beyond our Jakarta Technology Centre, we provide on-site testing options and collaborate with commercial labs, seamlessly integrating our expertise into your projects.



### Filter Testwork

Metso designs, manufactures and supplies industrial filters, and is a leading full-service filtration solution provider in solid and liquid separation for mining, metallurgy and chemical processing and related industries.

After testwork has been carried out, a test report is provided, specifying the technical and economic benefits of the

solution, the filter type, and the potential process improvements.

### Our QEHS commitment

At Metso, we prioritise the health, safety, and well-being of our employees, customers, and partners. We not only comply with local government regulations but also uphold international quality, safety, and environmental standards. Metso Jakarta maintains ISO certifications in Quality (ISO 9001), Environment (ISO 14001), and Safety (ISO 45001) through yearly surveillance audits by ISO external auditors.



### Dedicated team

At the heart of the Metso Jakarta Technology Centre lies our exceptional team of skilled Testwork Engineers. Our team is united by a shared passion for advancing filter technologies and delivering unparalleled precision in equipment selection and sizing.

Our Testwork Engineers are experts who have undergone rigorous training in the latest technologies. Each team member holds qualifications that align with the industry's highest standards, ensuring a comprehensive understanding of the intricacies of filter testing and optimisation.

## Jakarta Technology Centre Capabilities



*New Laboratory Space, in Jakarta Technology Centre*



*Buchner Test Kit (vacuum filtration)*



*Labox 100 Test Unit (pressure filtration)*



*CC Test Kit  
(Capillary Ceramec Vacuum Filtration)*



*PF 0.1 Test Unit (vertical pressure filtration)*



*FP 0.3 Test Unit (horizontal pressure filtration)*

## What's Included in the Test Reports?

**Metso Testwork Deliverables: The test reports summarize the following information (where applicable)**

### Filtration

- Most appropriate filter type for the application
- Specific filtration capacity
- Cake thickness
- Achievable moisture content
- Achievable filtrate clarity and solids content
- Wash efficiency and wash liquor consumption
- Cloth or filter media type required to achieve targets
- Scalable results for full capacity application

### Thickener

- Most appropriate thickener configuration for the application
- Flux rate
- Optimal feed solids
- Liquor rise rate
- Type and dose of flocculant
- underflow density
- Yield stress of underflow
- Overflow solid contents
- Scalable results for full capacity application

Your Partner for Positive Change in Asia Pacific  
Our Asia Pacific and Australia local footprint



## Contact us

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