

# Verification

## Storage Tank Verification

At NMIM, we certify the accuracy of storage tanks calibration (vertical, horizontal, spherical, etc.) to ensure we comply with Malaysia's and international measurement standards. As the nation's custodian for Weights and Measures Act 1971, we verify the calibration reports submitted by appointed surveyors, confirming their adherence to recognized international standards for methods of measurements; hence, preventing financial losses from inventory errors.



# Verification

## Pipeline Verification

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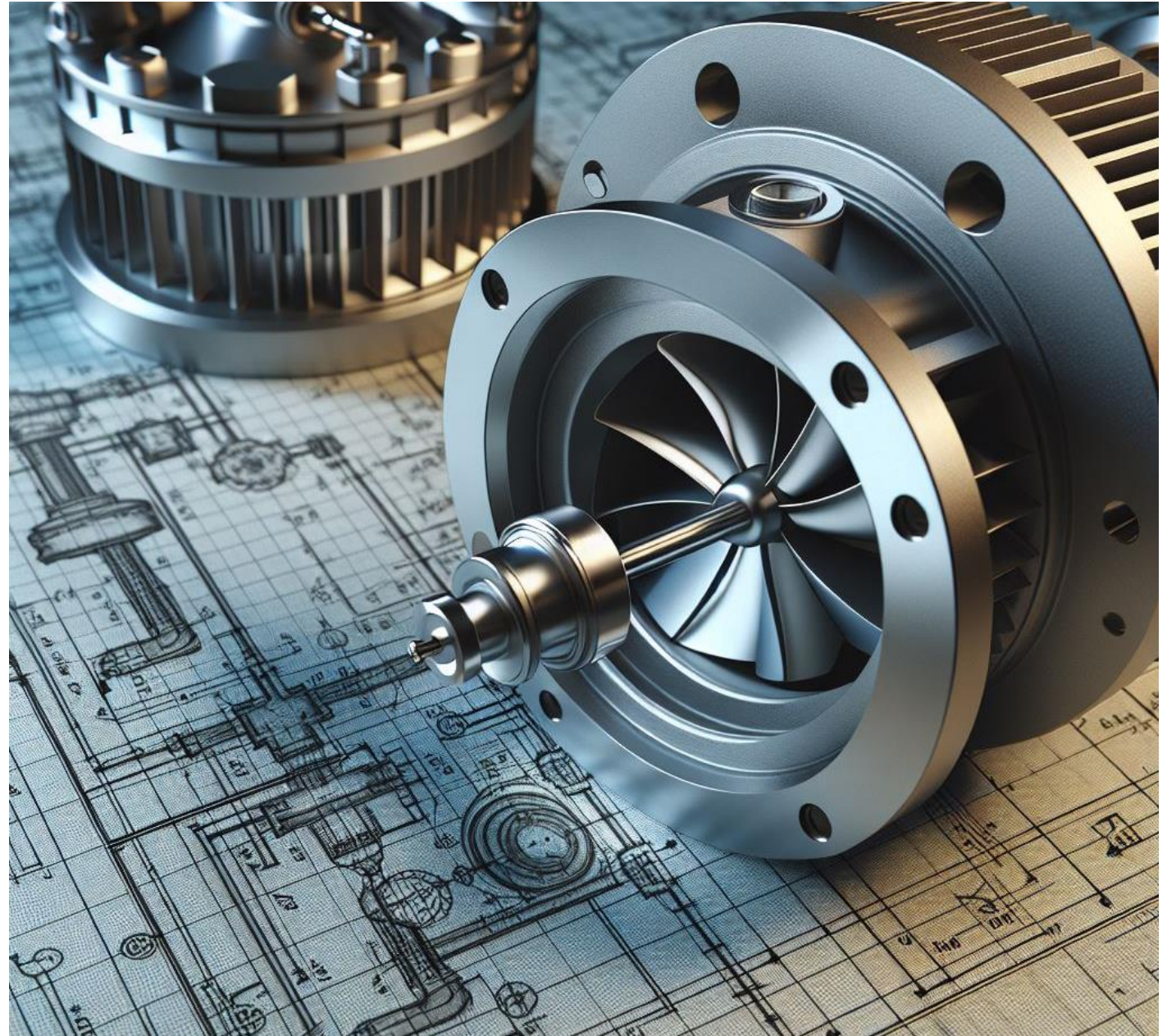
We control the certification of pipeline verification processes to uphold Malaysia's measurement standard for industries like oil and gas. Registered surveyors conduct pipeline verification using traceable methods and we audit their reports to ensure pipelines meet legal requirements for measurement integrity. This safeguards fair custody transfers and prevents revenue discrepancies in cross-border or industrial transactions.



# Verification

## Custody Meter (Master Meter & Duty Meter) Verification

Custody meters, including ultrasonic, coriolis, turbine, positive displacement meters, etc., are verified to align with Malaysia's and international measurement standard for trade accuracy. These meters are calibrated either at the laboratory or in-situ by competent personnel (registered surveyors, accredited laboratory), ensuring their calibration protocols complying the relevant standards. For example, a SIRIM-certify coriolis meter to ensure exporters and importers transact with confidence, as even minor errors could lead to significant financial or reputational damage.



# Verification

## Prover Tank Verification

Prover tank serves as the cornerstone of flow meter calibration, and we certify their accuracy up to 9,000 liters to uphold Malaysia's measurement standard. Appointed surveyors verify these tanks using methods like water draw, and we verify their compliance with international guidelines. This ensures industries like oil and gas operate with traceable, legally recognized measurement systems.



# Verification Compact Prover & Pipe Prover Verification

At NMIM, as Malaysia's custodian for Weights and Measures Act 1971, we ensure the highest standards of accuracy in flow meter measurements through our compact prover and pipe prover verification services. Our rigorous processes guarantee reliable and precise measurements, supporting fair trade and compliance with industry standards.



# Validation

## Gas & Liquid Metering System Validation

We also validate gas and liquid metering system to ensure they meet Malaysia's stringent measurement standard for fairness in trade and transactions. Our certification ensures metering system comply with Malaysia's and international measurement standard, protecting consumers and industries from inaccuracies.

