



**'MIDAS' Solutions For
'SMART' Clients**

Midas technologies

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Certificate

This is to Certify that

MIDAS TECHNOLOGIES

B 106 La Mer Residency, Sai Nagar, Panvel, Dist. Raigarh,
Maharashtra-410206, India

has been found in Compliance with requirements of
Quality Management System

ISO 9001:2015

for the following scope:

Consulting agency for Road Construction and Innovative Applications
Designing, Construction, Supervision, Supplier & turnkey operation of Bitumen emulsion,
Micro surfacing, PMB & Bitumen Emulsion Plant/Machine & Lab Instruments.
Consultancy and Liasoning of licensing BIS-NABL, Govt approvals, New Product
Development.

Trading of Chemicals, Related Raw Materials to various industries like Road Construction,
Paint, Adhesive, Bitumen, Bitumen Emulsion and Coating Industries

Certificate No. : QMS/2676/0823
Original Certificate Date : 04-August-2023
Issue Date : 04-August-2023
Expiry Date : 03-August-2026

To check this certificate status visit:
"<http://uasl.uk.com/certifiedorganization>"



Authorised Signature

Quality Control Certification

UK Office: 82, ADLEY STREET,
LONDON - E5 0DZ, United Kingdom
India Office: 2nd Floor, Aman Market,
Narela Mandi, Delhi - 110 040, India



About Us

We, Midas Technologies offer various services for consultation of projects feasibility, evaluation & application support BIS/NABL/ISO certification to the firms along with guidance and documental supports.

We are the expert and having legacy of two decades for the manufacturing of products, application support and evaluation at turnkey basis. Our main products/services are Bitumen Emulsion, Modified Bitumen, Paint industry, Oil and Gas and many more products. We also deal in all type of laboratory chemicals, glass wares and miscellaneous testing items.

we are expertise in consulting for innovative applications designing, construction, supplier & turnkey operation of Bitumen Emulsion, PMB & Bitumen Emulsion Plant/Machine & Lab Instruments. Consulting & Liasoning licensing BIS-NABL, Gov approvals, New Product Development.

Products/ Services offered

Consultation Services

- Project /Feasibility report for Plant and Machines
- Product formulation and application support like microsurfacing
- application, Fogseal, PMB, CRMB etc. Lab setup and design
- BIS/NABL certification
- ISO /quality certification
- Plant operation on turnkey basis
-many more customizations

Plant and Machine designing ,Erection & commissioning
Manufacturing support & Raw Material supplying
Lab Instruments supplies



MISSION

‘Midas’ most preferable and first choice for customer.

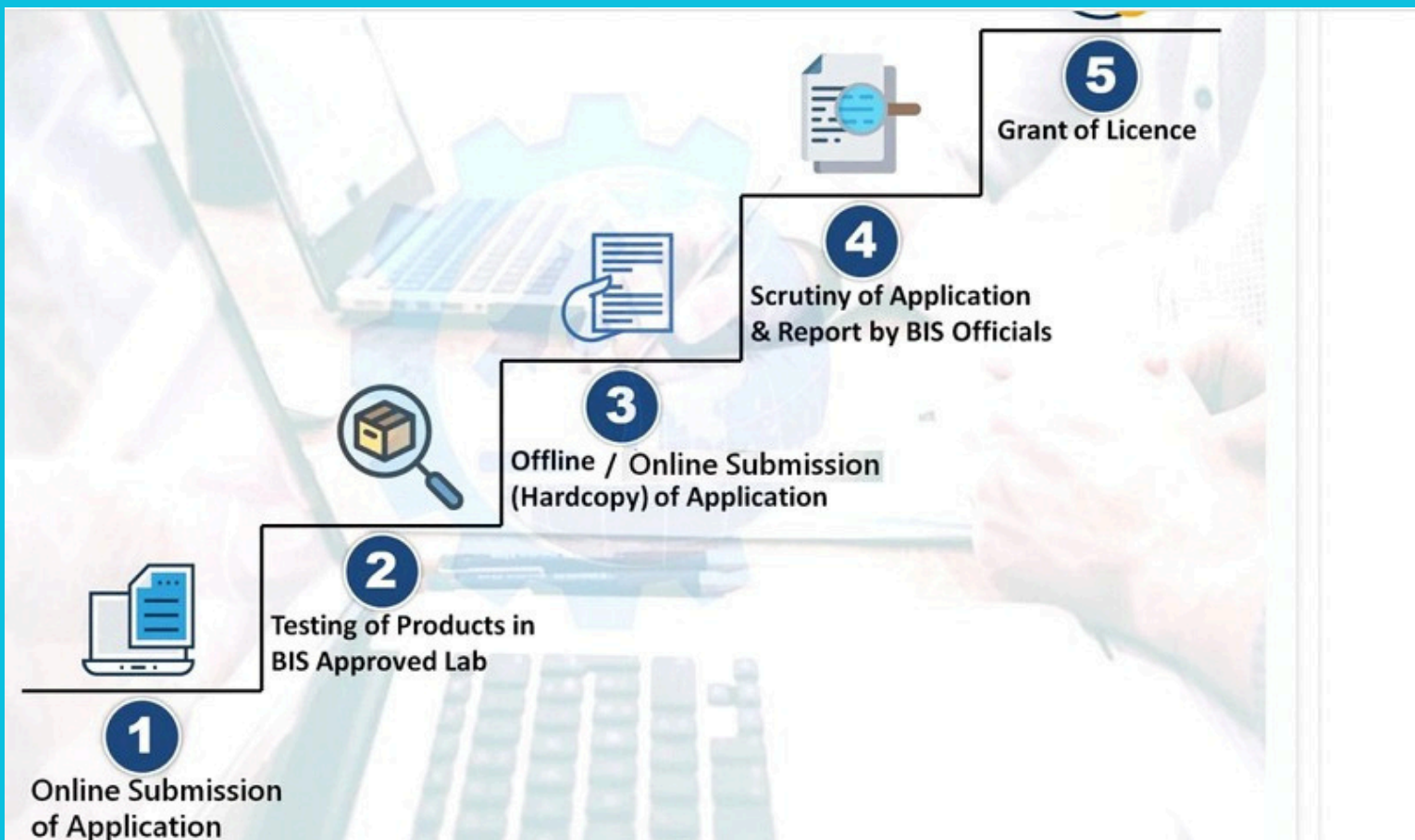
VISION

- I. We are at the forefront of today’s technology, providing our clients with systems that will remain effective for years to come.**
- II. We are able to analyse complex communications issues, and provide you with the best solution.**
- III. Effective project management ensures your system is up and running in the shortest time possible.**
- IV. As your provider, we can over see every aspect of you communications network, managing services from end to end. As a result, we’re able to work proactively with you to adapt and upgrade letting you benefit from the very latest technology.**



Grant of BIS License:

Bureau will grant a BIS license to the manufacturers to use or apply Standard Mark with a unique number on their products.



Wet Track Abrasion Tester



I. Scope of Application

The emulsified asphalt wet wheel abrasion tester is used to determine the wear resistance of emulsified asphalt slurry seal mixtures after forming. It can be used with a load wheel-bearing tester to determine the optimal asphalt content of emulsified asphalt slurry seal mixtures. This instrument complies with the test specifications of "T0752-2011" in the Ministry of Transportation's standard "JTJ052-2011".

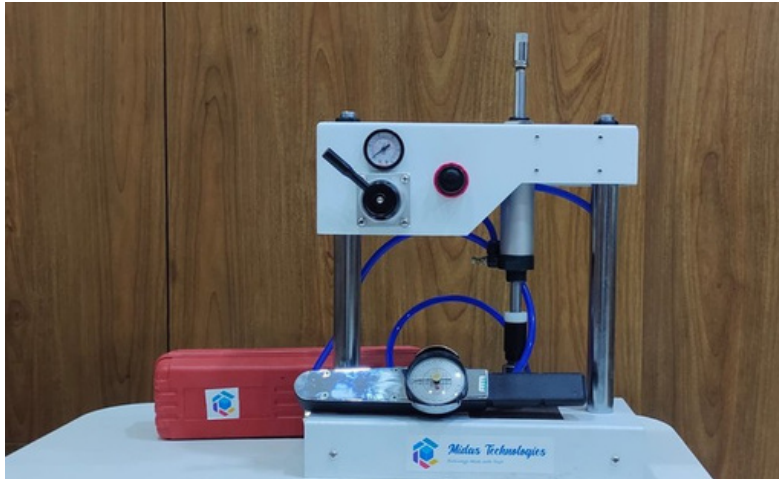
1. Instrument Components

The main components include sample plate, abrasion head, lifting platform, lifting rocker, clamp, etc. (see the diagram below).

II. Technical Parameters

- 1. Power Supply Voltage: 380V**
- 2. Motor Power: 250W**
- 3. Abrasion Head Mass: 2.27kg**
- 4. Standard Rubber Hose: $\Phi 32 \times 127$**
- 5. Template Size: 300*300*6mm**
- 6. Template Aperture: 279mm**
- 7. Abrasion Head Speed: Revolution 61r/min, Rotation 140r/min**
- 8. Abrasion Area: 0.03077514m²**

Cohesion Tester



I. Scope of Application

This instrument is used to determine the time required for complete solidification of emulsified asphalt slurry seal mixtures, in order to determine the early opening to traffic time after the construction of emulsified asphalt slurry seal mixtures. This instrument complies with the test specifications of "T0754-2011" in the standard "JTG E20-2011".

II. Instrument Components and Parameters

1. Pneumatic bidirectional cylinder
2. Rubber pad with a hardness of 60, measuring 28.6*6.4mm
3. Air pressure regulator with adjustable exhaust valve to maintain constant air pressure
4. Bidirectional control valve for raising or lowering the rubber base
5. Air pressure gauge (0-1.0Mpa)
6. Pressure port for connecting a bicycle pump or air compressor to pressurize the cylinder
7. Torque wrench (0-600N·CM)
8. Ring-shaped molds (6*60mm, 10*60mm)

Colloid Mill

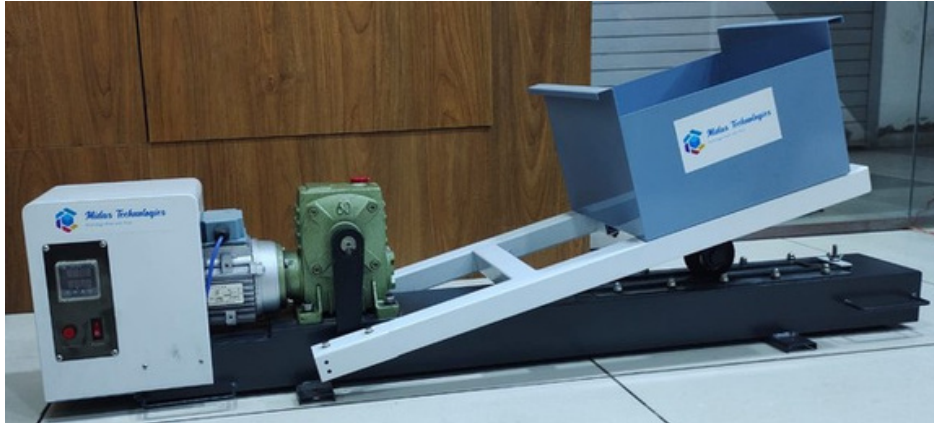


Simple and compact colloidal mill for bitumen emulsion production in laboratory. Really useful for emulsion mix design analysis in terms of bitumen, water and additives quantity. The power of this colloidal mill allows to replicate in laboratory the production of bitumen emulsion done in the plant.

MAIN FEATURES

- **Micrometric gap adjustment.**
- **Easy and safe operation.**
- **8.000 r.p.m. high speed mill.**
- **One unique hopper for feeding of water phase and bitumen. Product quality exactly as industrial production.**
- **Manual 3-way valve for recirculation, production and washing.**

Load Wheel Rolling Tester



I. Purpose of the Instrument:

The emulsified asphalt loaded wheel rolling test instrument is used to determine whether there is excess asphalt in the emulsified asphalt slurry seal mixture. It controls the upper limit of asphalt dosage and determines the optimal asphalt dosage of the emulsified asphalt slurry seal mixture in conjunction with the wet wheel abrasion test. The instrument complies with the test requirements of "0755-2011" in the standard "JTG E20-2011".

II. Structure and Technical Parameters:

1. Structure

The instrument mainly consists of a motor, a gear transmission box, a transmission crank, a connecting arm, a counterweight box, rubber foot wheels, and an electrical controller with a digital counter.

2. Technical Parameters

Power supply voltage: 380V

Rolling speed: 44 times/min

Motor power: 250W

Hardness of the load wheel rubber: 60-70

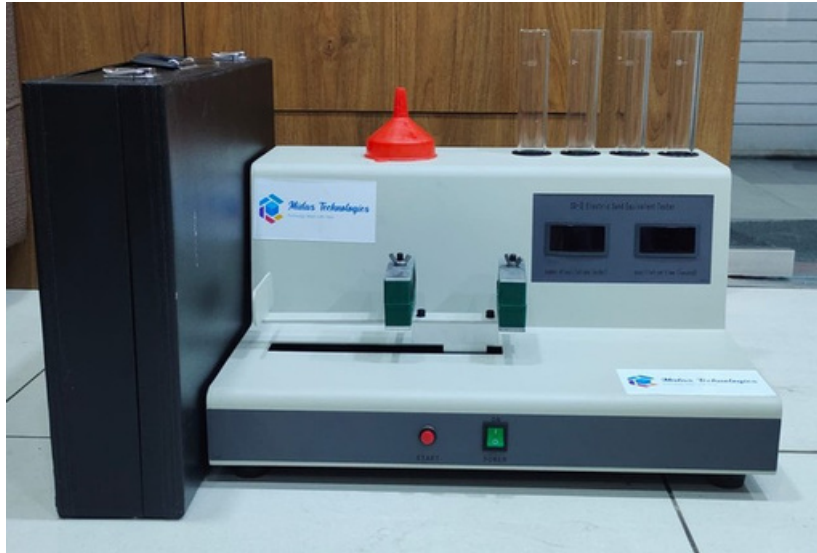
Test mold base plate: 77*407mm

Test mold dimensions: 3, 5, 6, 8, 10*50*380mm

Steel cover plate dimensions: 3*35*378mm

Sand frame dimensions: 38*355mm

SAND EQUIVALENT TESTER



The sand equivalent testing instrument produced by our company is a product designed strictly in accordance with the T0758-2011 Highway Specifications. It is suitable for determining the cohesive soil or impurity content in natural sand, artificial sand, and crushed stone with a maximum aggregate particle size not exceeding 4.75mm (5mm round sieve) to evaluate the cleanliness of the aggregate.

I. Main Specifications and Technical Performance Parameters of the Product 1. Automatic Sand Equivalent Shaker

Rated Power: 120W

Dimensions: 564×320×360mm

Vibration Amplitude of Test Cylinder: 20.3±1.0cm

Motion Cycle: 180 cycles/min±2 cycles/min

2. Other Special Instruments

Weighted Piston: 1kg±5g

Plastic Test Cylinder: Inner Diameter 32mm±0.25mm, Height: 420mm

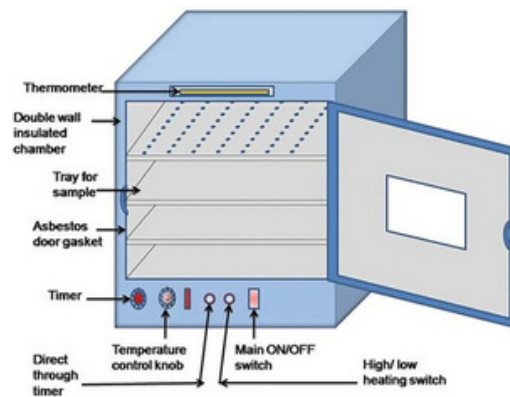
Flush Pipe: Outer Diameter 6mm±0.5mm, Inner Diameter: 4mm±0.2mm

Sieves And Sieve Shaker



Laboratory sieves and sieve shakers are used to measure particle size as part of your research or quality control applications. Test sieves come in different materials: brass, stainless steel, or brass frames with stainless steel mesh. Diameters include 3", 8", and 12" with mesh sizes ranging from 4 millimeters to 38 microns. When stacked on a sieve shaker, the top test sieve has the largest mesh size and the bottom one the smallest mesh size. Pans and covers are available to complete your stack. Sieve shakers provide uniform motion to ensure the reproducible results you can't get from hand sieving. Shakers are available with amplitude control and timers allowing you to standardize your procedure for reliable results.

Hot Air Oven



A hot air oven is an essential laboratory equipment that uses to dry heat (hot air) to sterilize laboratory objects and samples. This type of sterilization is also known as dry heat sterilization.

A hot air oven is generally used for samples that are heat resistant and do not melt, change the form or catch fire on exposure to high o temperatures. It generally kills microorganisms and bacterial spores at extremely high temperatures over several hours and sterilizes items. Effective sterilization can only be achieved when the appropriate temperature and holding time are selected depending on the type of microorganism being targeted and the type of material being sterilized. The most commonly used temperature and time to sterilize items are 170 degrees Celsius for 30 minutes, 160 degrees for 60 minutes, and 150 degrees for 150 minutes.



- **Complete Consultancy Services including conceptualisation, assessment, equipment selection, project supervision, commissioning and stabilisation of the unit for manufacturing of Bitumen Emulsions, PMB, CRMB and other bitumen specialities**
- **Complete manufacturing and storage solutions for Bitumen Emulsions, PMB, CRMB**
- **Complete Quality Control and Quality Assurance solutions for Bitumen Emulsions, PMB, CRMB and other bitumen specialities including the supply of laboratory equipment for both bitumen and road construction**
- **Technology transfer for speciality products like Instant Road Repair binder**
- **Application development –Cold Mix Surfacing/Chip Sealing/SMA**
- **Application development –Micro surfacing**
- **High performance bitumen additives for High Modulus Asphalt (PMA), warm mix additive, bitumen adhesion promoters.**
- **Polymer for PMB**
- **Complete Consultancy Services including conceptualisation, assessment, equipment selection, project supervision, commissioning and stabilisation of the unit for manufacturing of Safety Sign Board and Road Safety Furniture**
- **Technology for producing all range of industrial grade bitumen (ASPHALT) 30/40,10/20, 60/70, 85/25, 90/15, 90/25 and 115/15.**
- **Setting up the whole Bitumen process plant, Bitumen plant, utilities design, & Fabrication & bitumen poly sheets manufacturing line set up commissioning the Production.**



OUR 'CLIENTS'

