GOLDEN NEXUS LLP

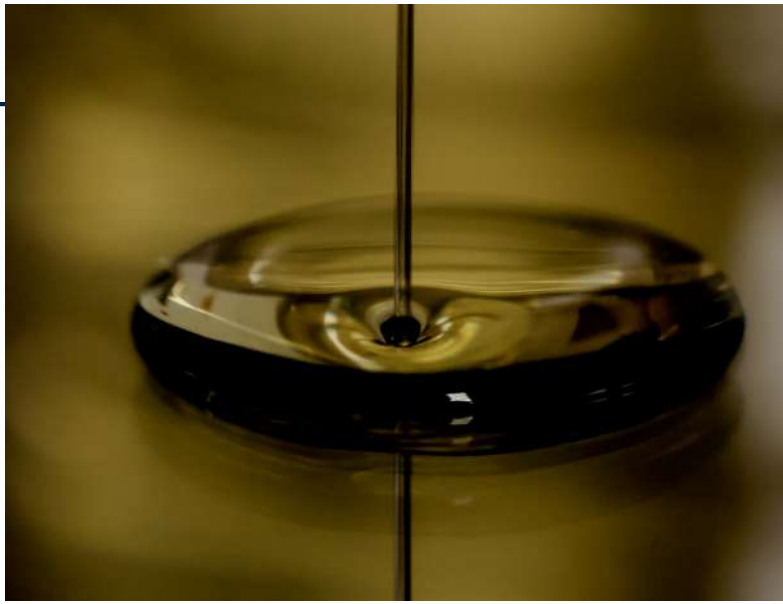
# GOLDEN NEXUS LLP

Pritam Complex, Near East End Hotel,
Amrutdham, Mumbai Agra Highway, Panchwati, Nashik-422003

www.ourgoldengroup.com

# COMPANY PROFILE

Golden Nexus LLP



# ABOUT US

Golden Nexus is a well knit organisation in an established Indian market.Golden Petrochem has started its journey in the year 2013 with a view to become one of the leading players in the petrochemical industries. In the year 2020 Golden Petrochem was taken over by Golden Nexus LLP.

**“Today, we are the leading manufacturer and supplier of petroleum & speciality products . “**

Our dynamic spirit to go beyond the normal realms of success and our relentless will, to be a preferred supplier of our pursuit of excellence.

Golden Nexus LLP

# MEET OUR CORE

## Angad Rekhi

### Chairman

It is my honour to communicate this message to you. Our Golden Group holds its head high by following the highest standards of work ethics & giving you the best quality product. We are bound to provide distinguished, innovative & sustainable product to society.

## Sunpreet Bindra

### Managing Director

Our Promise is to deliver the best products and give you 100% satisfaction, dedication and hard work in fulfilling your raw material needs for constructing roads and other infrastructure projects.

www.ourgoldengroup.com

Golden Nexus LLP

Golden Drop

# OUR QUALITY
# OUR PROMISE


Golden Nexus LLP is known for its quality for over a decade as we have the most advanced testing facilities backed by trained and experienced technical staff which ensures superior quality, reliable & distinguished products.

**International standards**

Golden Nexus LLP is quality conscious company and gets the products tested under the stringent controls, matching the national & international standards.

**Golden Drop**

Golden Nexus LLP markets their products under the banner of Golden Drop.

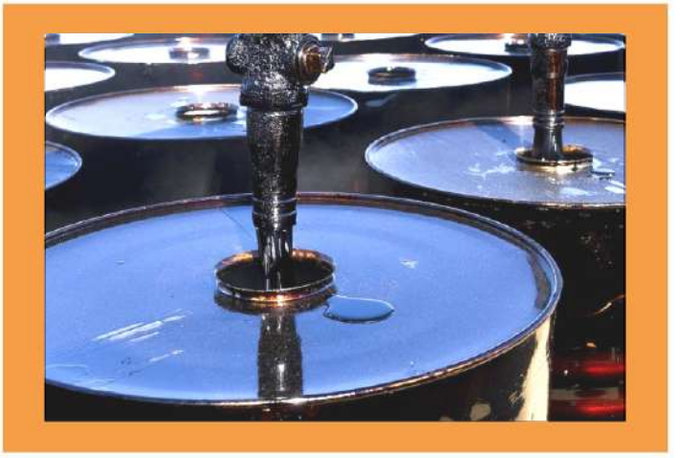
Golden Nexus LLP

Golden Drop

# OUR PRODUCTS

## Refinery Grade Bitumen

*-VG 10*
*-VG 30*
*-VG 40*



## Golden Region

*-PG 58-28*

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# OUR PRODUCTS

## Modified Bitumen

### Crumb Rubber Modified Bitumen (CRMB)

-CRMB 55
-CRMB 60

### Polymer Modified Bitumen (PMB)

-PMB 40
-PMB 70
-PMB 120

### Performance Grade (PMB)

#### Against Thermal Cracking

-PG 58-34
-PG 64-22
-PG 76-22

#### Against Rutting Resistance

-PG 70-22
-PG 70-28
-PG 82-22

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# OUR PRODUCTS

## Bitumen Emulsion
Indian Standard

## COLD MIX
POTHOLE PATCH MAKER

### As per IS-8887 : 2018

-RS1 -RS2 -MS
-SS1 -SS2

### Microsurfacing Emulsion

As per IRC
SP-100 / SP 81

- POLYMER MODIFIED BITUMEN EMULSION
- QUICKER & FASTER SETTING
- FASTER TRAFFIC OPENING
- DURABLE ROAD MAINTENANCE PRODUCT

### Polymer Modified Bitumen Emulsion

PME FOR SPECIAL PURPOSE OF RUNWAY & TAXIWAY FOR REJUVENATING PROPERTY

### Special Purpose Bitumen Emulsion

FOR PAINT & WATER PROOFING APPLICATION

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# HIGHEST QUALITY OF EMULSION

*EMULSION IS A COMBINATION OF BITUMEN AND WATER SOLUTION*

We have the highest quality of Emulsions that are top rated in the industry. Emulsion is specially designed product obtained by processing Bitumen and water solution.This is done under controlled conditions in the most modern and highly sophisticated automatic plant. It has high speed RPM in the presence of special emulsifier.

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# INDUSTRIAL GRADE BITUMEN

**By this process, Bitumen becomes sludge/moisture free and softening/ penetration**

The Bitumen we supply is the best in the Industry. Industrial bitumen is a dark black petroleum residue modified by oxidation process into different grades, on the basis of softening point & penetration.

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# BULK BITUMEN TRANSPORTATION

**We are one of the leading bulk bitumen transportars in India. Supplying bulk bitumen products from refineries to various locations.**

**This transportation needs various trucks to pick up the bitumen cargo from the refinery and transfer it to the bulk vessels**


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# WHY CHOOSE US

**SUPPLY CONSISTENCY**

We take a lot of pride in providing consistent and on time supply to all our clients

**CLIENT SATISFACTION**

Customer Satisfaction is one of the primary building block of our organization and our top priority!

**ASSURED QUALITY**

Quality Issues!? We make sure that our clients don't even know the meaning of it!


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# GET IN TOUCH WITH US

Our wide presence in the Indian subcontinent helps us in serving our customers and projects with the shortest possible delivery time. With corporate offices, plant facilities, testing laboratories and employees across the major cities in the Indian subcontinent, we ensure our partners and stakeholders benefit through on time deliveries and onsite consulting support.


+91-7558453913

info@ourgoldengroup.com

Office: Pritam Complex, Next to Eastend Hotel, Amrutdham, Panchavati, Nashik - 422003

Factory:Gat No. 467/3, Naigaon Road, Shinde, Nashik - 422102


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CERTIFIED ISO 9001:2015 COMPANY

IS : 8887

CM/L-7700202657

# OUR MANUFACTURED PRODUCTS

- BITUMEN EMULSION : RS1
- BITUMEN EMULSION : SS1
- BITUMEN EMULSION : MS
- COLD MIX POTHOLE PATCHMAKER
- SOIL STABILIZER
- CONCRETE CRACK FILLER
- ANTI STRIPPING AGENT

# TECHNICAL DATASHEET

# Golden Drop Emulsion RS-1

**Rapid Setting-1 emulsion** is a water-based bitumen emulsion with low viscosity and fast setting time. RS grade bitumen emulsion is designed to react quickly with aggregate and revert from the emulsion state to bitumen. RS-1 grade is mainly used for tack coat application. Bitumen Emulsion RS1 is manufactured strictly as per **IS 8887**.

**Advantages**

- Superior penetration into miniature pores of sub base.
- Compatible with Portland cement.
- Low temperature curing allows the binder to penetrate into sub base.
- Prevent ingress of underground water into the pavements by plugging the capillary voids.
- Enhances structural strength by strongly binding loose aggregates.
- Easy to apply and hassle free.
- Prevent Raveling and Rutting.
- Environment friendly

Typical Properties

| Sr. No. | PROPERTIES | As Per Requirement |
|---|---|---|
| 1 | Residue on 600 micron IS Sieve (% by mass, max) | 0.05 |
| 2 | Viscosity @ 50°C (Say bolt Viscometer), Sec | 20-100 |
| 3 | Storage Stability after 24 Hours, | Less than 2 |
| 4 | Miscibility with water | No Coagulation |
| 5 | Particle charge | Positive |
| 6 | Residue by evaporation, percent, Min | 60 |
| 7 | Penetration 25 ° C/100g/5sec | 80-150 |
| 8 | Solubility in trichloroethylene, percent by mass, Min | 98 |
| 9 | Coagulation at low temperature | NIL |
| 10 | Ductility 27 ° Clem, Min | 50 |

FACTORY
467/3, Naigaon Road, Shinde,
Nashik - 422 102.

OFFICE
Pritam Complex, Amrutdham,
Near East End Hotel, Hanuman Nagar,
Panchavati, Nashik - 422 003.

GSTIN : 27AAVFG1857A1ZA
goldennexusllp@gmail.com

**Applications**

**GOLDEN DROP Emulsion RS1** is ideally suited for Tack Coat application. Tack Coat with GOLDEN DROP Emulsion RS 1 can be applied on bituminous surface, aged bituminous surface, primed bituminous surfaces & non bituminous surfaces.

| Sr. No. | Types of surface | Quantity in Kg/10 $m^2$ Area |
|---|---|---|
| 1 | Bitumen Surface | 2 to 2.5 |
| 2 | Aged Bitumen Surface | 2.5 to 3.0 |
| 3 | Primed Surface | 2.5 to 3.0 |
| 4 | **Non Bitumen Surface** | |
| | Granualar Based | 3.5 to 4.0 |
| | Cement Concret Pavement | 3.0 to 3.5 |

**To Ensure Best Results**

Use Without diluting Bitumen Emulsion with any solvent

Use at ambient temperature

Roll the Bitumen Emulsion drums multiple times before using

**Availability in Package**

- Bulk
- MS Drums packaging of 200 Kg
- HDPE Drums Packaging of 200 Kg

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# GOLDEN DROP EMULSION SS1

GOLDEN DROP Emulsion SS 1 is specially designed oil based Bitumen Emulsion with low viscosity, extended setting time and stability with cement that makes it an ideal product for Prime Coat application. It is black in colour and is a free flowing liquid at ambient temperature. GOLDEN DROP Emulsion SS 1 is manufactured strictly as per IS 8887:2004.

## Typical Properties

| Sr. No. | PROPERTIES | As Per Requirement |
|---|---|---|
| 1 | Residue on 600 micron IS Sieve (% by mass, max) | 0.05 |
| 2 | Viscosity @ 25℃ (Say bolt Furol Viscometer, Sec | 20-100 |
| 3 | Setting Time, Hrs | Less than 48 |
| 4 | Binder residue by Evaporation, % Min | 50 |
| 5 | Coagulation at low temperature | NIL |

## Advantages

- Superior penetration into miniature pores of sub base.
- Compatible with portland cement.
- Low temperature curing allows the binder to penetrate into sub base.
- Prevent ingress of underground water into the pavements by plugging the capillary voids.
- Enhances structural strength by strongly binding loose aggregates.
- Easy to apply and hassle free.
- Prevent Ravelling and Rutting.
- Environment friendly.

## Application

Golden Drop Emulsion SS1 is ideally suited for prime coating on WMM/ WBM surfaces and it has ability to penetrate 8-10 mm deep into low porous WMM surface.

FACTORY
467/3, Naigaon Road, Shinde,
Nashik - 422 102.

OFFICE
Pritam Complex, Amrutdham,
Near East End Hotel, Hanuman Nagar,
Panchavati, Nashik - 422 003.

GSTIN : 27AAVFG1857A1ZA
goldennexusllp@gmail.com

## Recommend rate of Application

| Sr. No. | Types of surface | Viscosity of Prime @ 60 °C (Centistokes) | Quantity in Kg/10 $m^2$ Area |
|---|---|---|---|
| 1 | Low Porous (WMM/WBM) | 30-60 | 6 to 9 |
| 2 | Medium Porous (Cement Stabilized Soil Base) | 70-140 | 9 to 12 |
| 3 | High Porous (Gravel Base) | 250-500 | 12 to 15 |

## To Ensure Best Results

Use Without diluting Bitumen Emulsion with any solvent

Use at ambient temperature

Roll the Bitumen Emulsion drums 5 times before using

## Availability

- Bulk
- MS Drums packaging of 200 Kg
- HDPE Drums Packaging of 200 Kg

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467/3, Naigaon Road, Shinde,
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OFFICE
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GSTIN : 27AAVFG1857A1ZA
goldennexusllp@gmail.com

# GOLDEN DROP EMULSION MS

GOLDEN DROP Emulsion MS is specially designed water based Bitumen Emulsion with moderate viscosity and setting time. The medium range of setting time makes it an ideal product for premixing applications. It is a free flowing liquid at ambient temperature. GOLDEN DROP Emulsion MS is manufactured strictly as per IS 8887:2004.

## Advantages

- No heating require
- Cost efficient
- Easy and uniform mixing
- Low temperature curing
- Minimum preparation time for surface repair
- Medium setting time
- High adhesive properties
- Stable patch
- Resistant to stripping by water
- Environment friendly
- Bonds well with cool, damp surfaces

## Typical Properties

| Sr. No. | PROPERTIES | As Per Requirement |
|---|---|---|
| 1 | Residue on 600 micron IS Sieve (% by mass, max) | 0.05 |
| 2 | Viscosity @ 50℃ (Say bolt Viscometer), Sec | 50-300 |
| 3 | Setting Time, Minutes | 30 |
| 4 | Binder Residue by Evaporation, % Min | 65 |
| 5 | Coagulation at low temperature | NIL |

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goldennexusllp@gmail.com

## Application

Golden Drop Emulsion MS is ideally suited for:

- Pothole Repair/Patchwork
- 20 mm Pre-Mix Carpet

## Recommend rate of Application

Typical rate of application of Golden Drop Emulsion MS for preparation of mix is 7% by weight of aggregates.

## To Ensure Best Results

- Use Without diluting Bitumen Emulsion with any solvent
- Use at ambient temperature
- Roll the Bitumen Emulsion drums multiple times before using

## Availability in Package

- Bulk
- MS Drums packaging of 200 Kg
- HDPE Drums Packaging of 200 Kg

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**Cold-mix pothole Repair**

**Product Name: Cold mix Emulsion with Aggregate Mixture**

**(< 6mm, cold mix 7-8%), Stock No: GD-2023-101**

Cold mix pothole repair is a method of fixing potholes in roads, driveways, and other paved surfaces using asphalt or asphalt-like materials at ambient or colder temperatures, without the need for heating or hot-mix asphalt plants. This technique is commonly used for temporary or emergency repairs and is especially useful in regions with colder/rainy climates where hot mix asphalt may not be readily available during the winter/ rainy months.

How cold mix pothole repair generally works:

Preparation: The first step is to clean the pothole of any debris, loose asphalt, and water. This is typically done using a broom, air blower, or other cleaning equipment.

Placement: Cold mix asphalt, which consists of aggregate (stone and sand) and an asphalt emulsion or other binding agent, is then placed directly into the pothole. There's no need for heating or mixing at high temperatures.

Compaction: The cold mix material is compacted using hand tools, such as a tamper or a mechanical compactor, to ensure that it fills the pothole completely and is level with the surrounding pavement.

Traffic Ready: Once compacted, the repaired area is typically ready for immediate use by vehicles and pedestrians. Cold mix asphalt cures and hardens over time, although it may not achieve the same level of durability and longevity as hot mix asphalt.

Cold mix pothole repair has several advantages:

- It can be applied in a wide range of weather conditions, including winter/rainy seasons.
- It requires minimal specialized equipment and can often be done manually.
- It is cost-effective for pothole repairs.
- It can be used as a fixer better than permanent hot mix asphalt repair.

# Technical datasheet

**Cold mix Emulsion with Aggregate Mixture**
**(< 6mm, cold mix 7-8%), Stock No: GD-2023-101**

## Composition

| | | |
|---|---|---|
| 1. P-400 | : | 1% |
| 2. P-591 | : | 0.1% |

## Technical Analysis

| | | |
|---|---|---|
| 1. Residue on 600 microns | : | 0.05 max. |
| 2. Viscosity @ 25°C | : | 50-300 |
| 3. Coagulation of emulsion at low temperature | : | NIL |
| 4. Storage Stability | : | 1.0 |
| 5. Particle Charge | : | +ve |
| 6. Coating ability and water resistance | : | Good |
| 7. Miscibility with water (coagulation) | : | No Coagulation |
| 8. Penetration test | : | 60-150 |

The following test was carried out for assessment of the quality of maintenance mixes

- Water resistance test
- Workability test
- Binder content
- Bond test

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| Sieve Size, mm | Percent Passing |
|---|---|
| 9.5 | 100 |
| 4.75 | 40-100 |
| 2.36 | 10-40 |
| 1.18 | 0-10 |
| 0.075 | 0-2 |

Main Inspect Verifier : Manager QC

**Note**:

- All the parameters of Cold- mix Emulsion are according to IS: 8887
- Product Specification is subject to amendment and may change over time

## Company Overview

Golden Nexus LLP is the original producer and leading supplier of GD31 co-polymer soil stabilizers for road construction, erosion control, and dust control is Golden Nexus LLP.

In addition, Golden Nexus produces and exports GD Cold Polymer Modified Bitumen, which can be used to create cold mix asphalt using just a standard concrete mixer, avoiding the high cost of an asphalt plant.

Golden Nexus has clients across the world and monthly expansion, we are a top global manufacturer, supplier, and construction consultant for roads.

The Golden Nexus family never stop pushing towards achieving the best customer satisfaction in their own regions it is our vision to continue this global growth to bring an affordable and efficient solution to customer in every corner of the planet.

GD31 is a soil stabilizer that is used to improve the strength, durability, and erosion resistance of soils. It is a patented technology that uses a combination of polymers, minerals, and other additives to create a stable, long-lasting soil structure.

## What Is Soil Stabilization?

The biological, chemical, or mechanical adjustment of engineering properties of soil is known as soil stabilization. Soil stabilization is a technique used in civil engineering to modify and improve the engineering properties of soils. Shear strength, permeability, compressibility, durability, and plasticity are examples of these properties.

What is the purpose of soil stabilization?

- There are several reasons for it and these reasons include:
- Substituting poor-grade soils with aggregates possessing more favourable engineering properties.
- Enhancement of the strength and therefore bearing capacity of the soil.

- Dust control for a good working environment.
- Waterproofing for the conservation of natural or manmade structures.
- To promote the use of waste geomaterials in construction.
- Finally, enhancing the properties of soil on site.

Objectives of Soil Stabilizer (GD-31)

1. There are different objectives for this, which include:
2. Substituting poor-quality soils with aggregates with better engineering properties.
3. Strengthening of the soil, and its bearing capacity.
4. Waterproofing is used to preserve natural or man-made buildings.
5. To encourage the use of waste geomaterials in building construction.
6. To improve permeability characteristics.
7. To enhance unfavorable soil properties such as excessive swelling or shrinkage, high plasticity, and so on.
8. To make use of inferior quality local materials.

Some of the advantages of using GD31:

**Increased strength and durability**: GD31 can make soils substantially stronger and more resistant to rutting, cracking, and other types of damage. This may result in roads, driveways, and other paved surfaces lasting longer.

**Reduced erosion:** By holding soil particles together and making them less vulnerable to being carried away by rainfall or wind, GD31 can also aid to minimize erosion. This could help prevent soil loss due to erosion, which could have a range of positive effects on both the environment and human health.

**Cost-effectiveness:** Improving soil quality is affordable when using GD31. It is frequently less expensive than more conventional techniques for stabilizing soil, including utilizing cement or lime.

**Environmentally sound:** GD31 is a sustainable product. It is a product that is environmentally friendly. It is produced using non-toxic components and does not emit hazardous gases into the atmosphere or the ocean.

Overall, GD31 is a versatile and effective soil stabilizer that can be used to improve the quality of soils for a variety of applications. It is a cost-effective and environmentally friendly option that can help to extend the life of roads, driveways, and other paved surfaces.

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GSTIN : 27AAVFG1857A1ZA
goldennexusllp@gmail.com

MAKE INFRACON
Material Testing | Design | PMC

# TEST REPORT

| | | | |
|---|---|---|---|
| **Client :** | M/s.Golden Nexus. | **Report No :** MITC/NSK/2022-23/3490 | |
| **Address :** | Amrutdham,Panchavati,Nashik. | **Date of Received Sample :** | 17-05-2023 |
| **Name of material :** | Soil Sample | **Date of Testing :** | 22-05-2023 |
| **Source of material :** | Brick Soil | | |
| **Temperature :** | 27° C | **Date of Report Issue :** | 09-06-2023 |

| Sr. No | Test Parameters | Result | Conformity | Test method |
|---|---|---|---|---|
| **Soil Physical Testing** | | | | |
| 1 | **Specific Gravity Test** | 2.65 | Yes | IS : 2720 |
| 2 | **Free Swell Index** | 10% | Yes | IS : 2720 Part 40 |
| 3 | **Atterberg's Limit** | | | |
| | a) Liquid Limit | 24.17 | Yes | IS : 2720 Part 5 |
| | b) Plastic Index | 5.14 | Yes | |
| 4 | **MDD & OMC** | | | |
| | a) Maximum Dry Density, gm/cc | 1.910 | Yes | IS : 2720 Part 8 |
| | b) Optimum Moisture Content, % | 18.60 | Yes | |
| 5 | **CBR** | 5.90% | Yes | IS : 2720 Part 16 |
| 6 | **Grain Size Analysis, % Passing** | | | |
| | Sieve Sizes | % Passing | | IS: 2720 Part-4 |
| 1 | 75 mm | _ | Yes | |
| 2 | 19 mm | _ | Yes | |
| 4 | 4.75 mm | 91.18 | Yes | |
| 5 | 2.00 mm | 71.39 | Yes | |
| 6 | 0.425 mm | 24.84 | Yes | |
| 7 | 0.075 mm | 1.07 | Yes | |
| | **a) Gravel** | 91.18 | Yes | |
| | **b) Sand** | 7.75 | Yes | |
| | **c)Silt & Clay** | 1.07 | Yes | |
| 7 | **Unconfined Compressive Strength (UCC) Test (KN/m2)** | 46.12 | Yes | IS: 2720 Part 10 |
| 8 | **Direct Shear Test Cohesion (C) (KN/m2)** | 37.4 | Yes | IS: 2720 Part 13 |

MAKE INFRACON

**For Quality Manager**

TC-10619

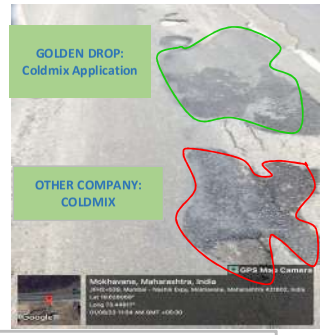
CERTIFIED ISO 9001:2015 COMPANY

# COLD MIX POTHOLE PATCHMAKER APPLICATION IMAGES

# COLDMIX POTHOLE PATCHMAKER IMPLEMENTATION

EXISTING POTHOLES

GOLDENDROP: COLDMIX POTHOLE PATCHMAKER APPLICATION




DAY 1: AFTER APPLICATION

DAY 4
AFTER APPLICATION

EXISTING POTHOLES

GOLDENDROP: COLDMIX POTHOLE PATCHMAKER APPLICATION

DAY 1
AFTER APPLICATION

DAY 3
AFTER APPLICATION

**SITE LOCATION: NH3**

**NMEL represntative: Mr. Vinay Patel**

**Golden Nexus LLP representative: Mr. Sumeet Nandan**

# THIRD PARTY

# TEST REPORT

# Kailtech Test and Research Centre Pvt. Ltd.

ULR No. : TC783223000001429F


DOC No. : KTRC/2302001611
Telephone : +91
FAX : -
E-Mail : contact@kailtech.net
BO Code : None

141C, Electronic Complex Industrial Area, Indore, Indore, Madhya Pradesh, India - 452010


**Test REPORT AS PER : IS 8887 (2018)**

**QR Code/Barcode : 100000385244**

**REPORT NO : 10381700/2023/SS/3_1** DATE : 27 Feb, 2023

PART A. PARTICULARS OF SAMPLE SUBMITTED

| | | |
|---|---|---|
| a) Customer Name & Address | : | GOLDEN NEXUS LLP<br>GUT NO.467/3,VILLAGE-Shinde,Tq & Dist: Nashik, Pin:422102, Shinde Palse, NASHIK, MAHARASHTRA, INDIA - 422102 |
| b) Nature of sample | : | SS |
| c) Grade/Variety/Type/Class Size etc | : | RS - 1 |
| d) Declare values, if any | : | 2000 |
| e) Batch No. & Date of Manufacture | : | 56/ |
| f) Quantity | : | 10L |
| g) Date of Receipt | : | 10 Feb, 2023 |
| h) BIS Seal | : | Verified by Sample Cell |
| i) IO's Signature | : | Verified by Sample Cell |
| j) Any other Information / Expiry Date, If any | : | -/25 Dec, 2023 |
| k) Date of Commencement of Testing | : | 14 Feb, 2023 |
| l) Date of Completion of Testing | : | |
| m) Section Code | : | 23C2332 |
| n) Section Report No. | : | 23C2332_1 |
| o) Report Type | : | New |
| p) Reference Report No. | : | |
| q) Remarks | : | NONE |

**Shaheen Mave**
**OIC SAMPLE CELL**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 13:04 PM

1.

This is a Computer Generated Report.

PART B. SUPPLEMENTARY INFORMATION

| | | |
|---|---|---|
| 1. | Reference to sampling procedure, wherever applicable. | Not Applicable |
| 2. | Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any. | Yes |
| 3. | Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any. | Not Applicable |
| 3. | NABL Report required ? | Yes |

**Sushil Malhotra**
**OIC Chemical**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 09:47 AM

This is a Computer Generated Report.

PART C. TEST RESULT

| S.No. | Clause No Table No. Sl. No | Parameter - Method of test | Test Description | Min Limit | Max Limit | Unit | Result/ Observation |
|---|---|---|---|---|---|---|---|
| 1 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade SS-2) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 2 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade SS-1) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 3 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade MS) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 4 | 6.6.2 Table-1; 1(xi) | Water content (Grade SS-1) | percent by mass, Max | - | - | - | Test Not Applicable |
| 5 | 6.6.2 Table-1; 1(x) 1 | Distillation in percent volume of distillate recovered at 360°C (SS-1) | at 190°C | - | - | - | Test Not Applicable |
| 6 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade SS-2) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 7 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade SS-1) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 8 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade MS) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 9 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade RS-2) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 10 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade RS-1) IS 1216 | percent by mass, Min | 98.0 | - | % by mass | 98.82 |
| 11 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade SS-2) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 12 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade SS-1) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 13 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade MS) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 14 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade RS-2) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 15 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade RS-1) IS 1208 | 27°C/cm, Min | 50.0 | - | cm | 86.0 |
| 16 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade RS-2) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 17 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade RS-1) IS 1203 | 25°C/100g/5 sec | 80.0 | 150.0 | 1/10 mm | 84.0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade SS-2) Annex J | percent, Min | - | - | - | Test Not Applicable |
| 19 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade MS) Annex J | percent, Min | - | - | - | Test Not Applicable |
| 20 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade RS-2) Annex J | percent, Min | - | - | - | Test Not Applicable |
| 21 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade RS-1) Annex J | percent, Min | 60.0 | - | % | 62.29 |
| 22 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade SS-2) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |
| 23 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade SS-1) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |
| 24 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade MS) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 25 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade RS-2) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |
| 26 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade RS-1) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | No Coagulation |
| 27 | 6.6.2 Table-1; 1(vii) | Stability to mixing with cement (Grade SS-2) Annex G | (% coagulation), Max | - | - | - | Test Not Applicable |
| 28 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 29 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade SS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 30 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade MS) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 31 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade RS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 32 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade RS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 33 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 34 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade SS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 35 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade MS) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 36 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade RS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 37 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade RS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 38 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 39 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade SS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 40 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade MS) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 41 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade RS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 42 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade RS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 43 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 44 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade SS-1) Annex F | Good/Not Good | - | - | - | Test Not Applicable |
| 45 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade MS) Annex F | Good/Not Good | - | - | - | Test Not Applicable |
| 46 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade RS-2) Annex F | Good/Not Good | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 47 | 6.6.2 Table-1; 1(v) | Particle charge (Grad SS-2), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |
| 48 | 6.6.2 Table-1; 1(v) | Particle charge (Grad SS-1), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 49 | 6.6.2 Table-1; 1(v) | Particle charge (Grad MS), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |
| 50 | 6.6.2 Table-1; 1(v) | Particle charge (Grad RS-2), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 51 | 6.6.2 Table-1; 1(v) | Particle charge (Grad RS-1), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Positive |
| 52 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grade SS-2), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 53 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grade SS-1), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 54 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grade MS), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 55 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grad RS-2), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 56 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grad RS-1), Annex D | Percent (max) | - | 2.0 | - | 0.21 |
| 57 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad SS-2), Annex C | Nill | - | - | - | Test Not Applicable |
| 58 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad SS-1), Annex C | Nill | - | - | - | Test Not Applicable |
| 59 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad MS), Annex C | Nill | - | - | - | Test Not Applicable |
| 60 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad RS-2), Annex C | Nill | - | - | - | Test Not Applicable |
| 61 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad RS-1), Annex C | Nill | - | - | - | Nil |
| 62 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad SS-2), IS 3117 | At 25°C | - | - | - | Test Not Applicable |
| 63 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad SS-1), IS 3117 | At 25°C | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 64 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad MS), IS 3117 | At 25°C | - | - | - | Test Not Applicable |
| 65 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad RS-2 | At 25°C | - | - | - | Test Not Applicable |
| 66 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad RS-1), IS 3117 | At 25°C | 20.0 | 100.0 | seconds | 24.0 (At 50°C) |
| 67 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad SS-2) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 68 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad SS-1) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 69 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad MS) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 70 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad RS-2) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 71 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad RS-1) IS 8, Annex 9 | percent by mass, Max | - | 0.05 | - | 0.01 (result is less than 0.01) |

**Sushil Malhotra**
**OIC Chemical**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 09:47 AM

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PART D. REMARKS

Homogeneity test of 1 year after date of manufacturing is under process report shall be submitted separately.

**Sushil Malhotra**
**OIC Chemical**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 09:47 AM

This is a Computer Generated Report.

**ENCODE CODE – 23C2332**
**Date – 25.02.2023**

## PART C. TEST RESULTS FOR THE ADDITIONAL PARAMETERS WHICH ARE REQUIRED AS PER REQUEST, BUT ARE NOT REFLECTING ON BIS-LIMS

| S.No | PARAMETER | TEST Cl. AS PER IS 8887 : 2018 | UNIT | RESULTS | TEST METHOD | SPECIFICATION |
|---|---|---|---|---|---|---|
| 1 | General Requirements | Cl. 6.1 | - | - | IS 8887:2018 | - |
| a | At present | | | Satisfactory | | Shall be homogeneous and shall show no un-dispersed bitumen after thorough mixing. |
| b | After 1 year from the date of manufacturing | | | * | | Shall be homogeneous and shall show no un-dispersed bitumen after thorough mixing. |

**Note –**

1. **This is additional sheet uploaded in continuation with the ULR no. and LRN. This is to be considered as continuation of the report already uploaded on BIS-LIMS.**
2. *Test under process, report shall be submitted separately. As DOM is 01.01.2023 the report will be submitted before 10.01.2024.

OIC Testing

Lab Head

Kailtech Test & Research Centre Pvt. Ltd. ktrc INDORE

MAKE INFRACON
Material Testing | Design | PMC

# TEST REPORT

**Ref : MITC/2022-23/LAB/1934** **Date of Report** : 05-12-2022

Name of Client : M/s Golden Nexus LLP

Address : Pritam Complex , Amrutdham Near Hotel East End, Hanuman Nagar Panchavati, Nashik 422003.

Type of material : Bitumen Emulsion RS-1

Testing Temp. : 32° C

Date of Testing : 24-11-2022 to 27-11-2022

## Bitumen Emulsion Sample Test

| Sr. No | Name of the test | Test Result | Specifications as per IS :8887 : 2018 |
|---|---|---|---|
| 1 | Residue on 600 micron IS Sieve (% by mass) | 0.025 | Max 0.05 |
| 2 | Coagulation of emulsion at low temeperature | Nil | Nil |
| 3 | Storage Stability after 24 hours (%) | 1.71 | Max 2.0 |
| 4 | Viscosity by Saybolt Furol Viscometer, Seconds@25 °C. | 48.7 | 20 - 100 |
| 5 | Residue by Evaporation, (%) | 62.30 | Min. 60 |
| a. | Penetration Value 25°C / 100 g / 5 Sec | 86.54 | 60-350 |
| b. | Ductility at 27 °C. cm | 78.69 | Min. 50 |
| c. | Solubility in TCE (%) | 99.75 | Min. 98.0 |
| 9 | Particle Charge | Positive | Positive |
| 10 | Miscibility with Water | No Coagulation | No Coagulation |

Remarks : The Samples conform to the requirements of IS :8887 : 2018. RS-1 w. r. t above results.

MAKE INFRACON

Quality Manager

TC-10619

CERTIFIED ISO 9001:2015 COMPANY

# Kailtech Test and Research Centre Pvt. Ltd.

ULR No. : TC783223000001427F


DOC No. : KTRC/2302001411
Telephone : +91
FAX : -
E-Mail : contact@kailtech.net
BO Code : None

141C, Electronic Complex Industrial Area, Indore, Indore, Madhya Pradesh, India - 452010


**Test REPORT AS PER : IS 8887 (2018)**

**QR Code/Barcode : 100000385166**

**REPORT NO : 10381700/2023/SS/1_1** DATE : 27 Feb, 2023

PART A. PARTICULARS OF SAMPLE SUBMITTED

| | | |
|---|---|---|
| a) Customer Name & Address | : | GOLDEN NEXUS LLP<br>GUT NO.467/3,VILLAGE-Shinde,Tq & Dist: Nashik, Pin:422102, Shinde Palse, NASHIK, MAHARASHTRA, INDIA - 422102 |
| b) Nature of sample | : | SS |
| c) Grade/Variety/Type/Class Size etc | : | SS - 1 |
| d) Declare values, if any | : | 2000 |
| e) Batch No. & Date of Manufacture | : | 34/ |
| f) Quantity | : | 10L |
| g) Date of Receipt | : | 10 Feb, 2023 |
| h) BIS Seal | : | Verified by Sample Cell |
| i) IO's Signature | : | Verified by Sample Cell |
| j) Any other Information / Expiry Date, If any | : | -/25 Dec, 2023 |
| k) Date of Commencement of Testing | : | 13 Feb, 2023 |
| l) Date of Completion of Testing | : | |
| m) Section Code | : | 23CDCF6 |
| n) Section Report No. | : | 23CDCF6_1 |
| o) Report Type | : | New |
| p) Reference Report No. | : | |
| q) Remarks | : | NONE |

**Shaheen Mave**
**OIC SAMPLE CELL**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 13:01 PM

1.

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PART B. SUPPLEMENTARY INFORMATION

| | | |
|---|---|---|
| 1. | Reference to sampling procedure, wherever applicable. | Not Applicable |
| 2. | Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any. | Yes |
| 3. | Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any. | Not Applicable |
| 3. | NABL Report required ? | Yes |

**Sushil Malhotra**
**OIC Chemical**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 09:44 AM

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PART C. TEST RESULT

| S.No. | Clause No Table No. Sl. No | Parameter - Method of test | Test Description | Min Limit | Max Limit | Unit | Result/ Observation |
|---|---|---|---|---|---|---|---|
| 1 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade SS-2) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 2 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade MS) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 3 | 6.6.2 Table-1; 1(xi) | Water content (Grade SS-1) | percent by mass, Max | - | 20.0 | % by mass | 16.0 |
| 4 | 6.6.2 Table-1; 1(x) 1 | Distillation in percent volume of distillate recovered at 360°C (SS-1) | at 190°C | 20.0 | 55.0 | % by Volume | 25.0 |
| 5 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade SS-2) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 6 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade SS-1) IS 1216 | percent by mass, Min | 98.0 | - | % by mass | 98.92 |
| 7 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade MS) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 8 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade RS-2) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 9 | 6.6.2 Table-1; 1(ix) 4 | Tests on residue: Solubility I tricholoethylne, (Grade RS-1) IS 1216 | percent by mass, Min | - | - | - | Test Not Applicable |
| 10 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade SS-2) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 11 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade MS) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 12 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade RS-2) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 13 | 6.6.2 Table-1; 1(ix) 3 | Tests on residue: Ductility (Grade RS-1) IS 1208 | 27°C/cm, Min | - | - | - | Test Not Applicable |
| 14 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade RS-2) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 15 | 6.6.2 Table-1; 1(ix) 2 | Tests on residue: Penetration (Grade RS-1) IS 1203 | 25°C/100g/5 sec | - | - | - | Test Not Applicable |
| 16 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade SS-2) Annex J | percent, Min | - | - | - | Test Not Applicable |
| 17 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade MS) Annex J | percent, Min | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade RS-2) Annex J | percent, Min | - | - | - | Test Not Applicable |
| 19 | 6.6.2 Table-1; 1(ix) 1 | Tests on residue: Residue by evaporation (Grade RS-1) Annex J | percent, Min | - | - | - | Test Not Applicable |
| 20 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade SS-2) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |
| 21 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade SS-1) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Immiscible |
| 22 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade MS) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 23 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade RS-2) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |
| 24 | 6.6.2 Table-1; 1(viii) | Miscibility with water (Grade RS-1) Annex H | Weigh 50 ± 0.1 g of thoroughly mixed emulsion into each of three beakers each of which has previously been weighed with the glass rod. Place the beaker along with the rod in the oven at 163 ± 2.8°C for 2 h. At the end of this period remove each beaker and stir the residue thoroughly. Replace in the oven for another 1 h then remove and cool at room temperature, weigh the beakers along with the rods. | - | - | - | Test Not Applicable |
| 25 | 6.6.2 Table-1; 1(vii) | Stability to mixing with cement (Grade SS-2) Annex G | (% coagulation), Max | - | - | - | Test Not Applicable |
| 26 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 27 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade SS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 28 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade MS) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 29 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade RS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 30 | 6.6.2 Table-1; 1(vi) 4 | Coating ability and water resistance: Coating, After Spraying (Grade RS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 31 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 32 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade SS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 33 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade MS) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 34 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade RS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 35 | 6.6.2 Table-1; 1(vi) 3 | Coating ability and water resistance: Coating, wet aggregate (Grade RS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 36 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 37 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade SS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 38 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade MS) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 39 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade RS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 40 | 6.6.2 Table-1; 1(vi) 2 | Coating ability and water resistance: Coating, after spraying (Grade RS-1) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 41 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade SS-2) Annex F | Fair/Good/Not Good | - | - | - | Test Not Applicable |
| 42 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade SS-1) Annex F | Good/Not Good | - | - | - | Test Not Applicable |
| 43 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade MS) Annex F | Good/Not Good | - | - | - | Test Not Applicable |
| 44 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade RS-2) Annex F | Good/Not Good | - | - | - | Test Not Applicable |
| 45 | 6.6.2 Table-1; 1(vi) 1 | Coating ability and water resistance: Coating, dry aggregate (Grade RS-1) Annex F | Good/Not Good | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 46 | 6.6.2 Table-1; 1(v) | Particle charge (Grad SS-2), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |
| 47 | 6.6.2 Table-1; 1(v) | Particle charge (Grad MS), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 48 | 6.6.2 Table-1; 1(v) | Particle charge (Grad RS-2), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |
| 49 | 6.6.2 Table-1; 1(v) | Particle charge (Grad RS-1), Annex E | Take sufficient quantity of a representative sample of bitumen emulsion in the glass container. Immerse two stainless steel plates 25 × 75 mm which are connected to a 12 V battery circuit through a switch, a rheostat and an ammeter, to a depth of 25 mm and mark the +ve and –ve plates. Close the switch and adjust the rheostat so that the current in the circuit is more than 4 mA. Open the circuit after 30 min and remove the plates. Gently wash the plate, if necessary with distilled water to remove unbroken emulsion and then examine. | - | - | - | Test Not Applicable |
| 50 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grade SS-2), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 51 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grade SS-1), Annex D | Percent (max) | - | 2.0 | % | 0.83 |
| 52 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grade MS), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 53 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grad RS-2), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 54 | 6.6.2 Table-1; 1(iv) | Storage stability after 24 h (Grad RS-1), Annex D | Percent (max) | - | - | - | Test Not Applicable |
| 55 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad SS-2), Annex C | Nill | - | - | - | Test Not Applicable |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 56 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad SS-1), Annex C | Nill | - | - | - | Nil |
| 57 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad MS), Annex C | Nill | - | - | - | Test Not Applicable |
| 58 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad RS-2), Annex C | Nill | - | - | - | Test Not Applicable |
| 59 | 6.6.2 Table-1; 1(iii) | Coagulation of emulsion at low temperature (Grad RS-1), Annex C | Nill | - | - | - | Test Not Applicable |
| 60 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad SS-2), IS 3117 | At 25°C | - | - | - | Test Not Applicable |
| 61 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad SS-1), IS 3117 | At 25°C | 20.0 | 100.0 | Seconds | 94.0 |
| 62 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad MS), IS 3117 | At 25°C | - | - | - | Test Not Applicable |
| 63 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad RS-2 | At 25°C | - | - | - | Test Not Applicable |
| 64 | 6.6.2 Table-1; 1(ii) (1) | Viscosity by saybolt furol viscometer, seconds (Grad RS-1), IS 3117 | At 25°C | - | - | - | Test Not Applicable |
| 65 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad SS-2) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 66 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad SS-1) Annex 9 | percent by mass, Max | - | 0.05 | % by mass | 0.01 (result is less than 0.01) |
| 67 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad MS) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 68 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad RS-2) Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |
| 69 | 6.6.2 Table-1; 1(i) | Residue on 600 micron IS Sieve, (Grad RS-1) IS 8, Annex 9 | percent by mass, Max | - | - | - | Test Not Applicable |

**Sushil Malhotra**
**OIC Chemical**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 09:44 AM

This is a Computer Generated Report.

PART D. REMARKS

Homogeneity test of 1 year after date of manufacturing is under process report shall be submitted separately.

**Sushil Malhotra**
**OIC Chemical**
(Authorized Signatory)
Authorized on: 27 Feb, 2023 09:44 AM

This is a Computer Generated Report.

**ENCODE CODE – 23CDCF6**
**Date – 25.02.2023**

## PART C. TEST RESULTS FOR THE ADDITIONAL PARAMETERS WHICH ARE REQUIRED AS PER REQUEST, BUT ARE NOT REFLECTING ON BIS-LIMS

| S.No | PARAMETER | TEST Cl. AS PER IS 8887 : 2018 | UNIT | RESULTS | TEST METHOD | SPECIFICATION |
|---|---|---|---|---|---|---|
| 1 | General Requirements | Cl. 6.1 | - | - | IS 8887:2018 | - |
| a | At present | | | Satisfactory | | Shall be homogeneous and shall show no un-dispersed bitumen after thorough mixing. |
| b | After 1 year from the date of manufacturing | | | * | | Shall be homogeneous and shall show no un-dispersed bitumen after thorough mixing. |
| 2 | Residue by Evaporation | Cl. 6.1 | % | 54.8 | IS 8887 : 2018 | Min. 50 |
| 3 | Distillation Volume of distillate recovered at 360°C | | - | - | - | - |
| | 190°C | | % By Volume | 25 | IS 1213 : 1978 | 20-55 |
| | 225°C | | | 45 | | 30-75 |
| | 260°C | | | 60 | | 40-90 |
| | 316°C | | | 72 | | 60-100 |
| | Residue at 360°C | | % | 54.2 | | Min. 50 |

Note –

1. **This is additional sheet uploaded in continuation with the ULR no. and LRN. This is to be considered as continuation of the report already uploaded on BIS-LIMS.**
2. *Test under process, report shall be submitted separately. As DOM is 01.01.2023 the report will be submitted before 10.01.2024.

OIC Testing

Lab Head

Kailtech Test & Research Centre Pvt. Ltd. ktrc INDORE

An ISO 9001 : 2015 Certified Laboratory





 End of Report

MAKE INFRACON
Material Testing | Design | PMC

# TEST REPORT

**Ref : MITC/2022-23/LAB/1935** **Date of Report** : 05-12-2022

Name of Client : M/s Golden Nexus LLP

Address : Pritam Complex , Amrutdham Near Hotel East End, Hanuman Nagar Panchavati, Nashik 422003.

Type of material : Bitumen Emulsion SS-1

Testing Temp. : 32° C

Date of Testing : 24-11-2022 to 27-11-2022

## Bitumen Emulsion Sample Test

| Sr. No | Name of the test | Test Result | Specifications as per IS :8887 : 2018 |
|---|---|---|---|
| 1 | Residue on 600 micron IS Sieve (% by mass) | 0.02 | Max 0.05 |
| 2 | Coagulation of emulsion at low temeperature | Nil | Nil |
| 3 | Storage Stability after 24 hours (%) | 0.38 | Max 2.0 |
| 4 | Viscosity by Saybolt Furol Viscometer, Seconds@25 °C. | 71 | 20 - 100 |
| 5 | Solubility in TCE (%) | 99 | Min. 98.0 |
| 6 | Water Content | 18 | Max. 20 |
| 7 | Distillation (%) Volume at | | |
| a. | 190 °C | 53 | 20-55 |
| b. | 225 °C | 72 | 30-75 |
| c. | 260 °C | 86 | 40-90 |
| d. | 315 °C | 92 | 60-100 |
| 8 | Miscibility with water | Immiscible | Immiscible |

Remarks : The Samples conform to the requirements of IS :8887 : 2018. SS-1 w. r. t above results.

MAKE INFRACON

Quality Manager

TC-10619

CERTIFIED ISO 9001:2015 COMPANY

# SOURCE APPROVAL

SA INFRASTRUCTURE
CONSULTANTS PVT LTD

Corporate Office :
1101A, 11th Floor, Tower A-II, Corporate Park
Plot No. 7A/1, Sector 142, Noida 201301, Uttar Pradesh. INDIA.
Tel. :+91-120-6148000 | Tel./Fax: +91-120-6148090
Email : info@sainfra.com
CIN NO. U74140DL2005PTC141863
MSME Reg. No. UP28F0027117

**Ref: SAICPL/Ausa - Chakur/IE/GK-ACR/NH-361/945** **Date: 24/06/2023**

**To,**

**Authorized Signatory,**
M/s Gangamai-Kalyan ACR Pvt. Ltd.,
Tapadia Terraces, 2nd Floor,
Adalat Road, Ch. Chatrpati Sambaji Nagar.
Maharashtra - 431 001.
Email: *gangamaikalyannh361@gmail.com*

**Sub:** Four Laning of Ausa-Chakur Section of NH-361 from Km 55.835 to Km 114.345(Design length 58.510 Km) under Bharatmala Pariyojna in the state of Maharashtra on Hybrid Annuity Mode- **Source Approval for Bitumen Emulsion Credential - Reg.**

**Ref: GIACL-KALYAN ACR/NH-361/1049 on June 22nd, 2023.**

**Dear Sir,**

With reference to the letter cited above, wherein you have submitted profile of main producers for procurement of Bitumen Emulsion for use in Physical and Chemical requirement as per 502.2.3 & 503.4.3 of MORT&H Specifications.

| SN. | Agency Name | Particular | Brand Name | Remark |
|---|---|---|---|---|
| 1 | M/s Golden Nexus LLP | Bitumen Emulsion | RS-1 (Rapid Setting) & SS-1 (Slow Setting) | |

This office has reviewed the above matter as per MORT&H provisions and the Bitumen Emulsion can be procured from **M/s Golden Nexus LLP (Brand Name :- Bitumen Emulsion (RS1 & SS-1)**, as proposed, subjected to the followings:

1. The Concessionaire shall ensure to collect Manufacture's Test Certificates (MTC), confirming to IS:8887, along with each consignment and shall be available at the site laboratory.
2. All consignment shall be tested by third party NABL accredited laboratory before commencement of work.

This is for your information necessary compliance, in this regard.

Yours sincerely,

For, **SA Infrastructure Consultants Pvt. Ltd.**

24/06/2023

**(C Muralidhar)**
**Team Leader cum Sr. Highway Engineer**

**Copy to:**

1. **The Regional Officer**, National Highways Authority of India, Nagpur, Maharashtra.
2. **The Project Director**, National Highways Authority of India, PIU, Nanded, Maharashtra.
3. **The Project Coordinator**, SA Infrastructure Consultants Pvt. Ltd. Noida, Uttar Pradesh.

# CERTIFICATES

# Certificate of Registration

This is to Certify that
Quality Management System of

# GOLDEN NEXUS LLP

OFFICE ADDRESS: SR.NO. 259/1/6/1, PLOT NO. 9, HANUMAN NAGAR, AMRUTDHAM, PANCHVATI, NASHIK, MAHARASHTRA, 422003, INDIA

FACTORY ADDRESS: GATE NO. 467/3, NAIGAON ROAD, AT/POST- SHINDE, TAL-DIST-NASHIK, MAHARASHTRA, 422102, INDIA

has been assessed and found to conform to the requirements of

## ISO 9001:2015

for the following scope :

MANUFACTURING AND SUPPLIER OF VARIOUS BITUMEN EMULSION, ANTI STRIPPING AGENTS, MODIFIED BITUMEN PRODUCTS.

| | | | |
|---|---|---|---|
| Certificate No | : **22EQHS94** | | |
| Initial Registration Date | : 03/09/2022 | Issuance Date | : 03/09/2022 |
| Date of Expiry | : 02/09/2025 | | |
| 1st Surve. Due | : 03/08/2023 | 2nd Surve. Due | : 03/08/2024 |

EGAC Accredited
QMS Certification
CAB # 118005

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

Director

**Magnitude Management Services Pvt. Ltd.**
B-55, Lower Ground Floor, Sector 02, Noida-201301, U.P, India
e-mail: info@mmscertification.com, website: www.mmscertification.com

* Subject to Successful Surveillance Audit and case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal.

Certificate Verification: Please Re-check the validity of certificate at http://www.mmscertification... ...eclients.aspx or www.mmscertification.com at Active Clients.

भारतीय मानक ब्यूरो
**BUREAU OF INDIAN STANDARDS**
मानक चिन्ह के उपयोग के लिए अनुज्ञप्ति
**Licence for the use of STANDARD MARK**

अनुज्ञप्ति संख्या सीएम/एल- 7700202657
LICENCE NO. CM/L-7700202657

यह ब्यूरो, भारतीय मानक ब्यूरो अधिनियम, 2016 (2016 का 11) द्वारा प्रदत्त शक्तियों के आधार पर

मैसर्स गोल्डेन नेक्सउस एलएलपी
गेट सं. 467/ 3, नायगाँव रोड़, शिंदे,
जिला : नाशिक - 422102
महाराष्ट्र, इंडिया

को (जिसे इसमें आगे 'अनुज्ञप्तिधारी' कहा गया है) इसकी अनुसूची के पहले स्तंभ में विनीद्रीष्ट मानक चिन्ह का, इस अनुसूची के तीसरे स्तंभ में दी गयी किस्मों पर, उपयोग करने के लिए अनुज्ञप्ति प्रदान करता है। इन उत्पादित किस्मों पर चिन्ह का उपयोग उक्त अनुसूची के द्वितीय स्तम्भ में समय समय पर संशोधित अथवा पुनरीक्षित/संदर्भित संबध भारतीय मानक (मानकों) के अनुसार/ अनुरूप विनिम्रित हो।

By virtue of the power conferred on it by the BUREAU OF INDIAN STANDARDS ACT, 2016 (11 of 2016) the BUREAU hereby grants to

**M/S GOLDEN NEXUS LLP**
**GAT No.467/3 NAIGAON**
**ROAD, SHINDE,**
**DIST : NASHIK 422102**
**MAHARASHTRA, INDIA**

(hereinafter called 'the Licensee) this Licence to use the Standard Mark set out in the first column of the Schedule hereto, upon or in respect of the varieties set out in the third column of the said Schedule which is manufactured in accordance with/conforms to the related Indian Standard(s) referred to in the second column of the said Schedule as from time to time amended or revised.

2 इस अनुज्ञप्ति में अनुबंध अनुज्ञप्ति कि शर्तों के लिए अनुज्ञप्तिधारी उत्तरदायी है। यह अनुज्ञप्ति अनुसूची में यथा उल्लिखित नाम, कारखाना के पते और अवधि के लिए विधिमान्य होगा और इसे स्कीम-I में निर्देष्टानुसार नवीकृत कराया जा सकता है।

2.This Licence carries obligations on part of the licensee as conditions of licence which are given in Annexure attached herewith. This licence shall be valid for the name, factory address and period as mentioned in the schedule and may be renewed as specified in the Scheme –I.

# अनुसूची
SCHEDULE

## अनुज्ञप्ति संख्या सीएमएल/ 7700202657
LICENCE NO.CM/L- 7700202657

नाम :- मैसर्स गोल्डेन नेक्सउस एलएलपी
NAME :M/s **GOLDEN NEXUS LLP**
कारखाना का पता-: गेट सं. 467/ 3, नायगाँव रोड़, शिंदे, जिला : नाशिक - 422102 महाराष्ट्र, इंडिया
FACTORY ADDRESS : **GAT No.467/3 NAIGAON, ROAD, SHINDE, DIST : NASHIK 422102 MAHARASHTRA, INDIA**

वैधता दिनांक -: 26/06/2023 से 25/06/2024
VALIDITY -: FROM 26/06/2023 TO 25/06/2024

| मानक चिन्ह<br>Standard Mark | भारतीय मानक<br>Indian Standard | अनुज्ञप्ति का विषय क्षेत्र<br>Scope of Licence | चिह्ननांकन फीस<br>Marking Fee |
|---|---|---|---|
| (1) | (2) | (3) | (4) |
| IS 8887<br>CM/L-7700202657 | भामा :8887: 2018<br><br>सड़कों के लिए बिटुमेन इमल्शन (राशनिक प्रकार)<br><br>IS 8887 : 2018<br><br>**BITUMEN EMULSION FOR ROADS (CATIONIC TYPE)** | एम एस, आर एस 1, एस एस 1,<br><br>**MS, RS1, SS1.** | सभी इकाइयों के लिए ₹ 8.6 प्रति इकाई के साथ न्यूनतम ₹ 76000/- एक प्रचालन वर्ष की अवधि के दौरान ।<br><br>वन इकाई = 1 टन<br><br>एक प्रचालन वर्ष के लिए न्यूनतम मुहरांकन शुक्ल अग्रिम भुगतान देना होगा जिसे अगले नवीकरण (णों) में समायोजित किया जाएगा<br><br>Rs.8.6/-Per unit for all Units With a minimum marking fee of Rs. 76000/- During an operative period of One Year<br><br>1Unit = 1 tonne<br><br>Minimum Marking Fee for One operative year payable in advance which will be carried over to next renewal (s). |

आज वर्ष दो हजार तेईस के..... माह की..... तारीख को हस्ताक्षरित मुहरबंद किया गया ।
Signed Sealed and Dated this.....12th..... day of .....October..... Month of year Two Thousand Twenty Three.

भारतीय मानक ब्यूरो
के लिए
For BUREAU OF INDIAN STANDARDS

(सतीश कुमार)
वैज्ञानिक 'एफ' / वरिष्ठ निर्देशक
एवं प्रमुख (एमयूबीओ -1)
(Satish Kumar)
Sc. F / Senior Director & Head (MUBO-I)

Annexure
(Licence No.CM/L – 7700202657
Conditions of the licence

(1) The design of Standard Mark shall be identical to the facsimile given in the licence.

(2) The photographic enlargement or reduction of the Standard Mark may also be used, unless otherwise specified by the Bureau.

(3) The licensee shall be responsible for the conformity of the goods, article, process, system or service to the Indian Standard in relation to which Standard Mark is used or applied.

(4) The licensee shall not use the Standard Mark in relation to goods, articles, process, system or service which are non –conforming or outside the scope of the licence.

(5) If goods and articles in relation to which a Standard Mark has been used do not conform to the requirements of the relevant standard, the Bureau may direct the licensee or his representative to recall such non-conforming goods.

(6) The Standard Mark shall not be used or applied in relation to any goods, article, process, system or service during deferment or suspension, or, after expiry or cancellation of the licence.

(7) The licensee shall comply with the provisions of the conformity assessment scheme under which licence is granted, including labeling and marking requirements.

(8) The licensee shall maintain records as specified by the Bureau from time to time.

(9) The licensee shall provide the Bureau all assistance in connection with carrying out inspection or audit at its premises.

(10) The licensee shall provide information relating to production and use or applying of Standard Mark as and when it is required by the Bureau.

(11) If the licence is granted to use or apply Standard Mark on goods or articles, the licensee shall provide the list of consignees, distributors, dealers or retailers to whom goods or articles with Standard Mark is supplied.

(12) The licence shall not be transferred to any person without approval of the Bureau.

(13) If a complaint regarding quality of any goods, article, process, system or service bearing Standard Mark is established, the Bureau may direct the licensee or his representative to repair or replace or reprocess the standard marked goods and articles.

(14) The Bureau shall have the right to amend any of the conditions of licence by giving a notice of not less than one month to the licensee.

उपाबंध

(अनुज्ञप्ति सं. सीम/एल -7700202657)

अनुज्ञप्ति की शर्तें

1. मानक चिन्ह का डिजाईन अनुज्ञप्ति में दी गई गई प्रतिकृति के आनुषंगिक होगा।
2. मानक चिहन के फ़ोटोग्राफिक विस्तार अथवा लघुकरण का उपयोग भी किया जा सकता है जब तक ब्यूरो द्वारा कोई अन्य विनिर्दिष्ट न दिए गए हों।
3. अनुज्ञाप्तिधारी उस संबंध माल, वस्तुओं, प्रक्रिया, प्रणाली अथवा सेवा की भारतीय मानक के अनुसार अनुरूपता के लिए उत्तरदायी होगा जिसके लिए मानक चिन्ह का उपयोग अथवा अनुप्रयोग किया गया है।
4. अनुज्ञप्तिधारी उस माल, वस्तुओं, प्रक्रिया, प्रणाली अथवा सेवा के लिए मानक चिन्ह का उपयोग नहीं करेगा जो गैर-अनुरूप अथवा अनुज्ञप्ति के विषय- क्षेत्र से बाहर है।
5. जिस माल और वस्तुओं के लिए मानक चिन्ह का उपयोग किया गया है अगर वे संबंध्द मानक की अपेक्षाओं के अनुरूप नहीं है, तो ब्यूरों अनुज्ञप्तिधारी अथवा उसके प्रतिनिधि को ऐसे गैर-अनुरूपता वाले माल को वापिस लेने का निदेश दे सकता है।
6. अनुज्ञप्ति के आस्थगन अथवा निलंबन के दौरान अथवा उसकी समाप्ति अथवा रद्द होने के पश्चात् किसी संबध्द माल, वास्तु, प्रक्रिया, उपयोग अथवा सेवा के लिए मानक चिन्ह का उपयोग अथवा अनुप्रयोग नहीं किया जाएगा।
7. अनुज्ञप्तिधारी को उस अनुरूपता आकलन योजना के उपाबंधो का पालन करना होगा जिसके अंतर्गत उसे अनुज्ञप्ति प्रदान किया गया है जिसमें लेबलिंग और चिन्हांकान अपेक्षाए भी शामिल है।
8. अनुज्ञप्तिधारी ब्यूरो द्वारा समय-समय प्र यथा-विनिर्दिष्ट अभिलेख अनुरक्षित रखेगा।
9. अनुज्ञप्तिधारी अपने परिसरों में निरीक्षण अथवा लेखापरीक्षा करने से सम्बंधित सभी प्रकार की सहायता ब्यूरो को उपलब्ध कराएगा।
10. अनुज्ञप्तिधारी उत्पाद और मानक चिन्ह के उपयोग अथवा अनुप्रयोग से सम्बंधित जानकारी जब अपेक्षा ब्यूरो को प्रदान करेगा।
11. यदि माल अथवा वस्तुओं पर मानक चिन्ह का उपयोग अथवा अनुप्रयोग के लिए अनुज्ञप्ति प्रदान किया गया हो तो अनुज्ञप्तिधारी को उन परेषिती, वितरकों, व्यौहारी अथवा फुटकर विक्रेता की सूची देनी होगी, जिनको मानक चिन्ह वाले माल अथवा वस्तुओं की आपूर्ति की गई है।
12. ब्यूरो के अनुमोदन के बिना अनुज्ञप्ति किसी व्यक्ति को अंतरित नही किया जाएगा।
13. मानक चिन्ह वाले किसी माल, वस्तुओं, प्रक्रिया, प्रणाली अथवा सेवा से सम्बंधित शिकायत प्रमाणित होने पर ब्यूरो अनुज्ञप्तिधारी अथवा उसके प्रतिनिधि को मानक मुहरांकित माल और वस्तुओं की मरम्मत अथवा बदलने अथवा पुननिर्माण के निर्देश दे सकता है ।
14. अनुज्ञप्तिधारी को कम से कम एक माह के नोटिस से कर ब्यूरो, अनुज्ञप्ति की किसी शर्त को संशोधन का अधिकार रखता है।

Our Ref :MUBO-I/CM/L 7700202657 Dated : 12-10-2023

Subject: Grant of BIS Certification Marks Licence No 7700202657 as per IS 8887:2018.

**M/S GOLDEN NEXUS LLP**
**GAT No.467/3 NAIGAON**
**ROAD, SHINDE,**
**DIST : NASHIK 422102**
**MAHARASHTRA, INDIA**

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

**Product : -BITUMEN EMULSION FOR ROADS (CATIONIC TYPE) as per IS 8887:2018**

| Grade/Class/Type/Variety |
|---|
| MS, RS1, SS1 |

2.The number assigned to this licence is CM/L- 7700202657 which has been made operative from 26/06/2023 and is valid upto 25/06/2024. The licence number should invariably be referred to in your future correspondence.

3. Further, you should cover the entire production under scope of licence with Standard Mark and maintain conformity to the relevant Indian Standards. In addition, you should display the BIS product certification licence prominently at your premises and also mention the BIS product certification licence held by you in your commercial advertisements

4. According to sub-regulation (1) & (3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with effect from 26/06/2023 for the period of validity of the licence in advance.

5. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable by you regardless of the whether you actually mark your product or not with the Standard Mark. Our Receipt No. AA77PC2023000317 dated 27/05/2023 for the licence fee and the minimum marking fee for the first operative period is already issued.

6. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

7.With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months



मुंबई शाखा कार्यालय I : पांचवी मंजिल, एमटीएनएल सीईटीटीएम बिल्डिंग, टेक्नोलॉजी स्ट्रीट, हीरानंदानी गार्डन्स, पवई, मुंबई - 400076
Mumbai Branch Office I : 5th Floor, MTNL CETTM Building, Technology Street, Hiranandani Gardens, Powai, Mumbai - 400076
दूरभाष / Tel : 022-25702721 ईमेल / E-mail : mubo1@bis.gov.in वेबसाइट / Website : www.bis.gov.in
मुख्यालय : मानक भवन, 9 बहादुर शाह जफर मार्ग, नई दिल्ली - 110002 / Headquarter : Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi - 110002.

comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

8.The Scheme of Testing and Inspection submitted by you and agreed by BIS or the Scheme of Testing and Inspection as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

9.We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

10.On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

11.This licence is granted for your factory situated at **GAT No.467/3 NAIGAON, ROAD, SHINDE, DIST : NASHIK 422102, MAHARASHTRA, INDIA** Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

12. It may be noted that this licence is granted subject to the condition that if samples drawn on 20$^{TH}$ June 2023 by BIS during the verification visit before grant of licence, fail to conform to the requirement of relevant Indian Standard (in any requirement), the licence shall be put under Stop Marking, and in case fresh sample after corrective action is not offered within one month or fresh sample fail to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation.

13. You are requested to send us back the enclosed proforma No. CMD/PF615 duly filled in.

14. An instruction sheet containing 'Conditions of licence ' is also enclosed for information / compliance.

Kindly acknowledge receipt of this letter

Thanking You,

Yours faithfully,

**(Satish Kumar)**
**Sc. F / Senior Director & Head (MUBO-I)**

GOLDEN DROP

GOLDEN NEXUS LLP


# PLANT

# QUALITY LAB &

# STORAGE FACILITY

# Emulsion plant

Bitumen drum decander


Boiler

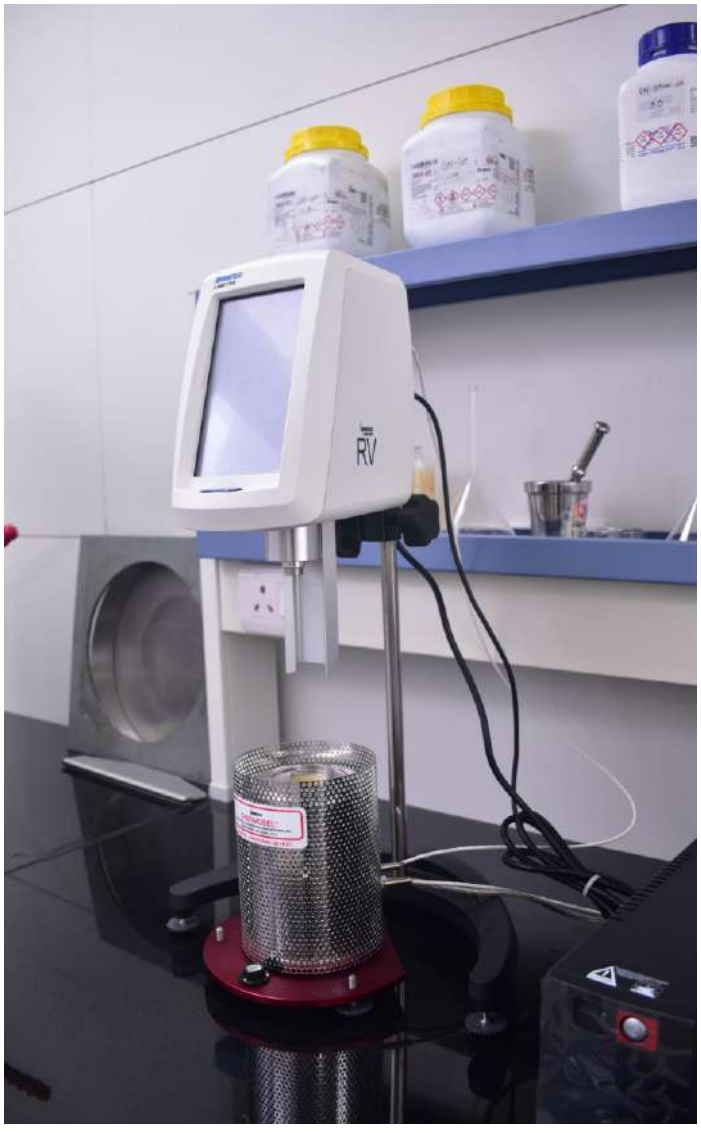
Bitumen storage tank for emulsion plant


The R & D Unit
of Doom
NO ENTRY
AUTHORISED
PERSON ONLY
Notice
No phones
allowed
PUSH
GOLDEN NEXUS LLP

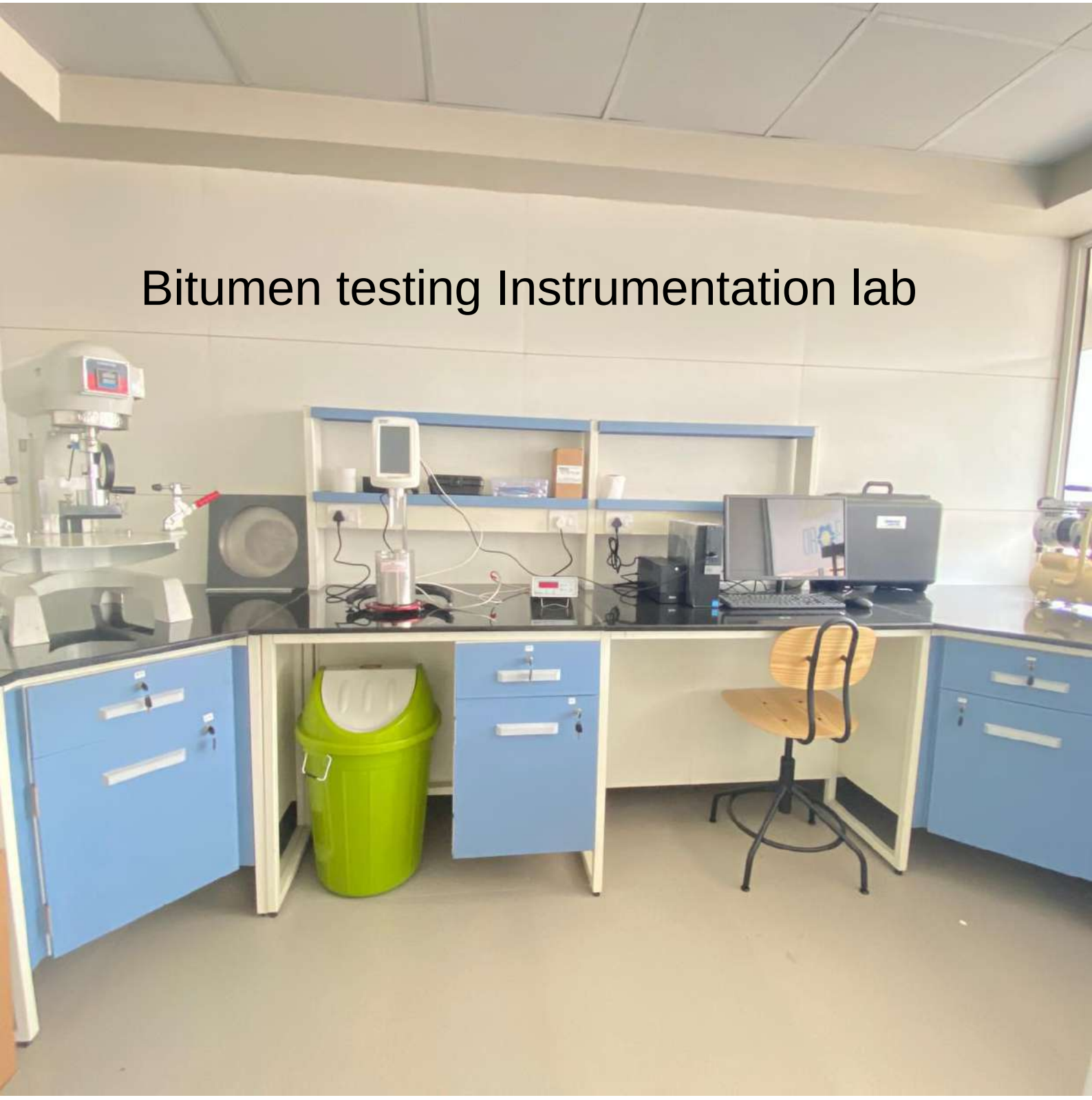

Black Hole
Research Facility
GOLDEN
DROP
PUSH
NOTICE
NO ENTRY
WITHOUT
PERMISSION

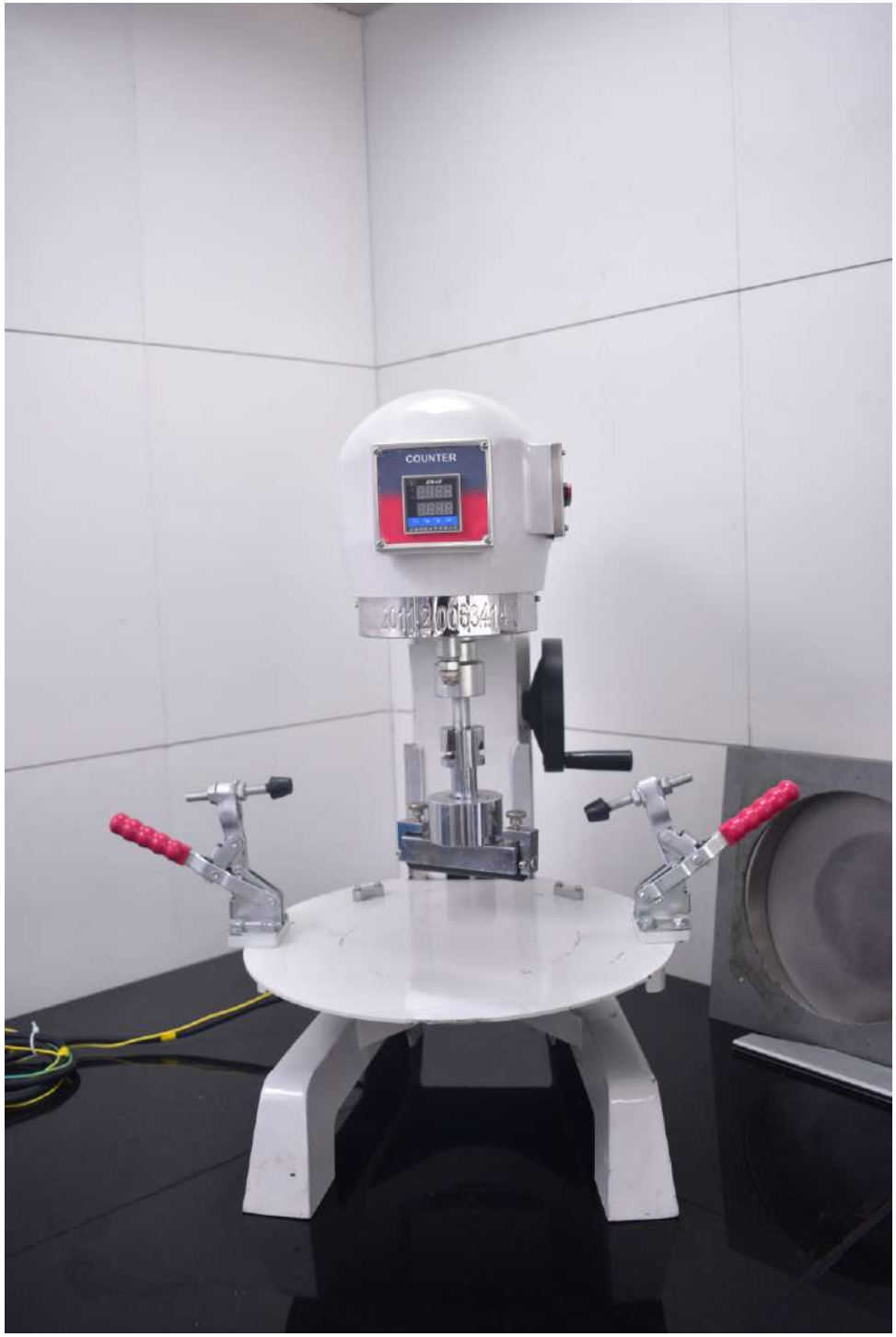

NO FACE
NO ENT
Please wear your
before entering
Thank you!

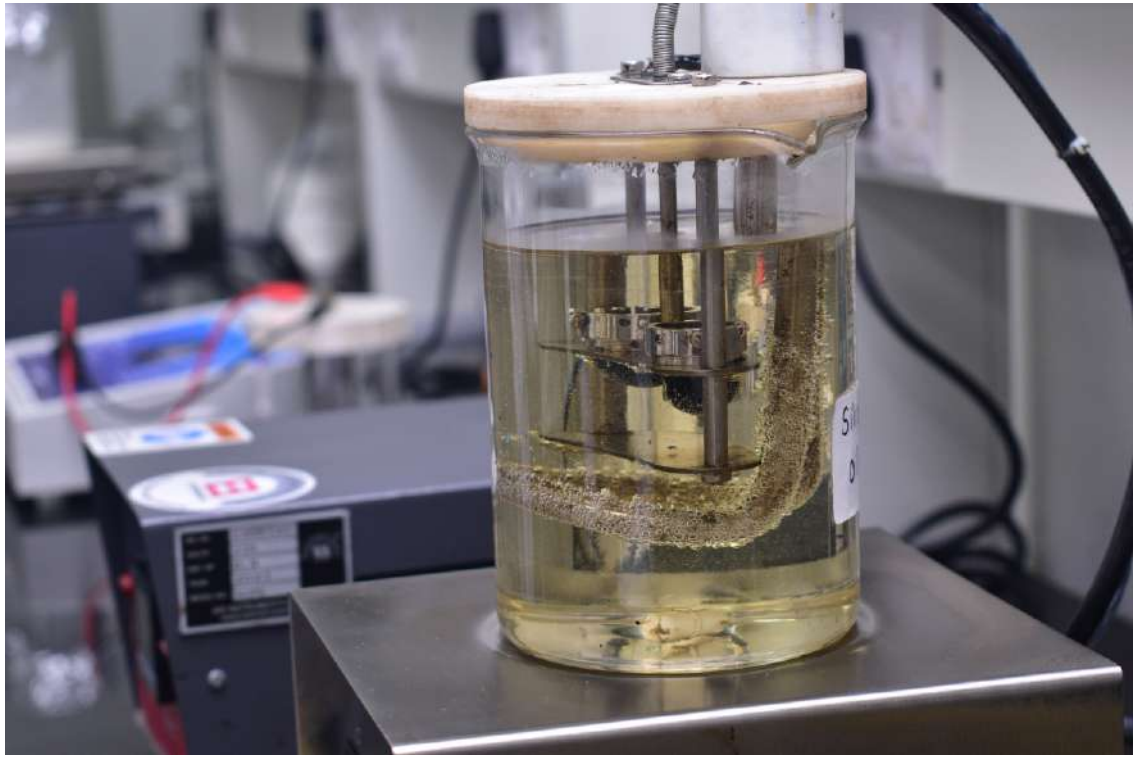

WATER LEVEL
ULTRASONIC CLEANER


RV


MUFFLE FURNANCE-1100°C.


Bitumen testing Instrumentation lab


COUNTER




COHESION TESTER


WATER STILL DISTILLATION UNIT

Emulsion storage tank

Bitumen storage tank


MH-12
KP-1312
GOLDEN
DROP
MH-12
KP-1312
COMP.No-4-3000 LTR.
COMP.No-3-3000 LTR.
COMP.No-2-3000 LTR.
COMP.No-1-3000 LTR.


STOP
KEEP SAFE DISTANCE
MH-12
KP-1312
HORN O.K PLEASE
MH-12
KP-1312


STOP
KEEP SAFE DISTANCE
MH-12
KP-1312
MH-12
KP-1312
GOLDEN
DROP
HORN O.K PLEASE
MH-12
KP-1312


STOP
SIGNAL
KEEP SAFE DISTANCE
MH-12
KP-1312
HORN O.K PLEASE
MH-12
KP-1312

# PRODUCT PERFORMANCE LETTER

## TO WHOM SO EVER IT MAY CONCERNED

This is to certify that we have procured the following products from M/s Golden Nexus LLP , NASHIK.

- BITUMEN EMULSION

For our various projects in Nashik & Ahmednagar such as

- Construction of Airside Infrastructure at Shirdi Airport Site, Dist – Ahmednagar, Maharastra. (MADC)
- Upgradation and 5 Year Maintenance of Road (MRL 14) From ODR-198 (Gondegaon) to Khedgaon – Bahaduri road (Length 8.850 Km) Taluka: Dindori (PMGSY)

All the materials supplied to us were as per specification and we are satisfied with the products supplied by M/s Golden Nexus LLP, Nashik.

For A S SONJE ASSOCIATES

Authorised Signatory

A. S. SONJE ASSOCIATES NASHIK

Date 17/07/2023

**Corporate Office :** 1st Floor, Prestige Point Opp. Vasant Market, Near Samarth Bank, Canada Corner, Nashik-422005. **Ph.:** (0253) 2314131
**Office :** Shreerang, Opp.Atal Bihari Wajpeyee School, Bankar Chowk, Kathe Galli, Dwarka, Nashik-422011.
**E-mail :** commercial@assonje.co.in, sonje.nashik@gmail.com **Website :** www.assonje.co.in

ON GOVT. APPROVED LIST

# M/s. F. C. RODRIGUES

## Engineers & Contractors

Specialist in - Asphalt Road Works, W.B.M. Roads, Infrastructure Development, Earth Works, Dam Works, & Supply of RMC. (Ready Mix Concrete)

Office : 6-7, Keer Apartment, Behind Hotel Rasoi, Deepali Nagar, Gurunanak Hsg. Soc., Off. Mumbai-Agra Road, Nashik - 422 009
☎ (0253) 2599481 98220 63900 | 98220 27881 | 98224 01013 ✉ fcrodrigues13@gmail.com

Date: 12 / 7 / 2023

## TO WHOM SO EVER IT MAY CONCERNED

This is to certify that we have procured the following products from

M/s Golden Nexus LLP , NASHIK.

- BITUMEN EMULSION

For our various projects in Nasik such as -

1) Asphalting roads in satpur division ward no 08 (Rs.8.03Cr)

2) Asphalting of road at NH3 K.K.Wagh to Pimpalgaon (Rs.25.67Cr)

3) Asphalting of road at Adgaon Naka to Nilgiri bagh (Rs.4.72Cr)

All the materials supplied to us were as per specification and we are satisfied with the products supplied by M/s Golden Nexus LLP , Nashik.

M/S.F.C. RODRIGUES

PARTNER








ISO 9001:2008 COMPANY
ISO 14001:2004
OHSAS 18001 : 2007

**Dineshchandra R. Agrawal Infracon Pvt. Ltd.**
Engineers & Contractors
CIN : U45202GJ2003PTC043160

252/1/5,Mahavir Motors, Near Rasbihari School, Agra Road, Panchavati, Nashik - 422 003.Ph.: 7410033601 Email:info.nashik@draipl.com

Ref. No.: DRAIPL/Nashik/EPC-II/CA-2 (32)/1776

Date: - 04/08/2023

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that M/s. Golden Nexus LLP, NASHIK have supplied us **BITUMEN EMULSION & COLD MIX PATCH MAKER** for our project **Six Laning of Pimpalgaon-Nashik-Gonde Section of NH-3 from Km 380.000 to 440.000 in the State of Maharashtra on Engineering, Procurement & Construction (EPC) Basis.**

The materials supplied to us are as per the specification and we are satisfied with the products supplied by M/s Golden Nexus LLP, Nashik.

This certificate is issued on the request of the supplier.

**M/s Dineshchandra R Agrawal Infracon Pvt. Ltd.**

**Authorized Signatory**

DINESHCHANDRA R. AGRAWAL INFRACON PVT. LTD. NH-03

401, The Grand Mall, S.M. Road, Ambawadi, Ahmedabad - 380015. Gujarat, INDIA
Ph.: 91-79-2630 9789, 30008789 Fax: 91-79-4002 2556 Email: drainfra89@gmail.com Website: www.draipl.com

FORCON INFRA
INTEGRATING THE NATION

**Date:** 20.7.2023

## TO WHOM SO EVER IT MAY CONCERNED

This is to certify that we have procured the following products from M/s. Golden Nexus LLP , NASHIK.

1. **BITUMEN EMULSION**

   For our various projects in Nashik / Sinner City for Bituminous Road Work such as

   1) Sant Savata mali Marg , Wadala road , Nashik
   2) NH 60 Sinner Nashik road- Sinnar Town .

All the materials supplied to us were as per the specification and we are satisfied with the products supplied by M/s Golden Nexus LLP, Nashik.

For

Forcon Infra Pvt Ltd

FORCON INFRA PVT. LTD. Govt. Contractor

**FORCON INFRA PRIVATE LIMITED**
**(Erstwhile known as BP Sangle Constructions Pvt. Ltd.)**
**Reg. Off. Nashik:** 102, Hill View Apts., Tidke Colony, Nashik-422 002.
**Mumbai:** 209, Maker Chamber-V, Nariman Point, Mumbai-400 021. CIN - U45400MH2007PTC169890
**0253 2311657 | www.forconinfra.com | info@forconinfra.com**

EK ONKAR

GNI INFRASTRUCTURE PVT. LTD.
- 5-5-29, KRANTI CHOWK, AURANGABAD - 431 005.
  Tel. (Off) (0240) 2331643, Telefax : 2332618
- **Reg. Office :** Gut No. 123, Chitegaon, Tq. Paithan,
  Dist. Aurangabad - 431107.
  E-mail : gniinfra.pl@gmail.com

GNI/2324/0105

Date: 22/07/2023

**TO WHOM SO EVER IT MAY CONCERNED**

This is to certify that we have procured the following products from M/s. Golden Nexus LLP, Nashik.

1. **BITUMEN EMULSION**

   For our project : Construction of asphalting road work at Paithan,Aurangabad.

All the materials supplied to us were as per the specification and we are satisfied with the products supplied by M/s. Golden LLP, Nashik.

For,

**GNI Infrastructure Pvt Ltd.**

Director.

**MUSALE CONSTRUCTION**
BUILDERS AND CONTRACTORS

Bhagyashri Apartment, 52(C),Trimurty Nag
Nagpur - 440 022. ☎: 2220167, 22426
E-mail : musale.construction@rediffmail.co

Date :- 25/07/2023

## TO WHOM SO EVER IT MAY CONCERNED

This is to certify that we have procured the following products from

M/s Golden Nexus LLP , NASHIK.

- BITUMEN EMULSION

For our various projects in Nagpur such as Saoner,Kalmeshwar, Narkhed,Kamptee Tahsil

All the materials supplied to us were as per specification and we are satisfied with the products supplied by M/s Golden Nexus LLP , Nashik.

For MUSALE CONSTRUCTION
For Musale Construction

Authorised Signatory

Shree Saibaba Construction

**Government Contractor**

Behind Goyal Talkies Raod, Kamptee - 441 002,
Dist. Nagpur (M.S.)

**G.R.Bawankule**
Mobile: 9823296487,9923029401
7767044654,9326819154
9673554455
E-mail : Shreesaibaba.co@gmail.com
**GST IN : 27ABNFS6079D1ZQ**

Date: 24/07/2023
Date

## TO WHOM SO EVER IT MAY CONCERNED

This is to certify that we have procured the following products from M/s. Golden Nexus LLP , NASHIK.

1. **BITUMEN EMULSION**

   For our various projects in _MUKHYA MANTRI GRAM SADAK YOJANA _ such as

   - IMPROVEMENT / UPGRADATION TO JAITALA TO WAGHDHARA ROAD IN BLOCK HINGNA DIST. NAGPUR.

All the materials supplied to us were as per the specification and we are satisfied with the products supplied by M/s Golden Nexus LLP, NASHIK.

YOURS FAITHFULLY

SHREE SAIBABA CONSTRUCTION
KAMPTEE

# Megha Engineering & Infrastructures Ltd.

**An ISO 9001-2015 Company**

S-2, Technocrat Indl. Estate, Balanagar, Hyderabad-500037, Telangana, INDIA
Tel: +91-40-44336700 Fax: +91-40-44336800
E-mail: info@meil.in Visit us: www.meil.in U45202TG2006PLC050271


Date: 09-09-2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that we have procured the following products from M/s. Golden Nexus LLP, located in Nashik, Maharashtra

1. **Golden Drop Coldmix Pothole Patch Maker**

The aforementioned product has been utilized for the purpose of repairing potholes within various road patches under the BMC jurisdiction in P/South ward as trail patch and has been observed for seven day.

The same has been witnessed by the BMC P/South ward office representative Mr Sameer Patil and Mr. M. Tambe P/south Sub Engineer in Hari mandir road, Mr. Rajesh Yadav sir, AE, BMC P/South ward has witnessed the GMLR East road and Rajiv Gandhi maidan road respectively.

We are pleased to confirm that all materials supplied to us by M/s. Golden Nexus LLP have consistently met the specified standards. We have found their products to be of high quality, and they have effectively served their intended purpose in road repair applications.

We hereby express our complete satisfaction with the products provided by M/s. Golden Nexus LLP, Nashik, and we would not hesitate to recommend their services to others seeking similar products.

Yours Faithfully,

**For and on behalf of**
**M/s Megha Engineering & Infrastructure Ltd.**

MEGHA ENGINEERING & INFRASTRUCTURES LTD. MUMBAI

**Authorised Signatory**