

**Government of India
Ministry of Railways
Railway Board**

No. 2023/EnHM/06/06

New Delhi Dated. 06.06.2024

**PCMEs,
All Zonal Railways.**

**Sub:- Station sanitation in Indian Railways - products of M/s EzySpit
regarding.**

A proposal was received from M/s Ezyspit regarding their patented eco-friendly technology product in containing pollution of land, air and water from human spit waste in both indoor and outdoor premises. South-Central Railway (SCR) was nominated to conduct field trial of aforesaid products.

2 South- Central Railway has successfully conducted field trials at major stations and confirmed the satisfactory performance of the product in maintaining hygiene and cleanliness standards in station premises.

3. Reports received from South-Central Railway are enclosed for information and necessary action as deemed fit at your end.

Encl: As above



(Shailendra Singh)
Principal Executive Director/ME (EnHM& Proj.)
Railway Board

Copy to:- M/s EzySpit , Plot No.-X3, Higna MIDC, Nagpur for information.

S.No 8



SOUTH CENTRAL RAILWAY
Headquarters Office,
Mechanical Branch,
EnHM wing,
Rail Nilayam - Secunderabad
email ID : enhmscr@gmail.com



No. M.EnHM/Station Cleaning/13

Date:20.03.2024

Executive Director/ME (EnHM & Proj.)
Railway Board.

Sub: Performance of M/S. EzySpit dustbins-reg.

Ref: 1) RB Lr.no.2023/EnHM/06/06 Dt.04.07.2023 of ED
(EnHM&Proj)/ Railway Board.

With reference to above cited letter , EzySpit bins are installed in 3 divisions (HYB, KCG & NED)on Trial basis in 4 Major identified stations (KCG,NED,KZJ,WL) .

Interim performance report received from 3 divisions is summarised below:

1. Performance of EzySpit bins is found satisfactory.
2. Awareness among the passengers is required for better usage of EzySpit bins.

This is for information.

Digitally Signed by
Hemsingh Banoth
Date: 20-03-2024 12:22:04
Reason: Approved
(Hemsingh Banoth)

CRSE/Chg/SCR

दक्षिण मध्य रेलवे / SOUTH CENTRAL RAILWAY
नांदेड मंडल / NANDED DIVISION



मुख्य स्वास्थ्य निरीक्षक कार्यालय, नांदेड Chief Health Inspector Office, Nanded

पत्रांक/No. मू स्वा नि /नांदेड 2024

दिनांक / Date : 30/01/2024

मुख्य स्वास्थ्य निरीक्षक कार्यालय

नांदेड मंडल , नांदेड

To,

EzySpit Team

Dear EzySpit Team, this is to acknowledge your exceptional efforts in compliance with "Swachh Nanded Railway Station" by installing EzySpit Bins on platforms. People frequently utilize the EzySpit Bins, which help preserve a healthy, clean and disease free community by allowing them to spit in specified locations to contribute to a safe, hygienic Nanded Railway Station and its environment for passengers, commuters and visitors.

Training and guidelines for installation, cleaning and refilling were given and provided by EzySpit Technical Team, and the experience was good throughout the process.

By embracing this green initiative, we intend to co-operate and work with you in the near future to make Nanded Railway Station cleaner and more hygienic.

मुख्य स्वास्थ्य निरीक्षक कार्यालय

नांदेड मंडल , नांदेड

S.N.6

Date: 20.01.2024

Ezyspit Team.

This is to recognize your valuable Contributions in Creating "Cleaning and Healthy Environment" inside at Kacheguda Railway Station by installing EzySpit bins on platforms. In orders to ensure workers, Commuters, passengers "Health and Happiness" to see a clean and hygienic Environment at the Kacheguda railway Station. Passengers use Ezyspit Bin, Which is a good sign that they help maintain a healthy, Hygienic and free from Contamination of Micro-Organisms.

The Ezyspit Technical Staff provided training and guidance on installation and cleaning and there was a positive experience overall.

We look forward working with you in the future innovations to keep station Clean and Hygiene.



20.1.24

(M. JAGANNATHAN REDDY)

CHH/KCHH/Station.

मुख्य स्वास्थ्य निरीक्षक
एम.सि. रेलवे, काचीगुडा
Chief Health Inspector
M.C. Rly. Kachiguda

दक्षिण मध्य रेलवे
SOUTH CENTRAL RAILWAY
सिकंदराबाद मंडल
Secundrabad division
मुख्य स्वास्थ्य निरीक्षक का कार्यालय
Office of the Chief Health Inspector
काजीपेट जंक्शन
Kazipet Junction

Dt: 06.03.2024

APPRECIATION LETTER

TO,

EzySpit Team

We are pleased to extend our heartfelt appreciation for your exceptional efforts in promoting cleanliness and hygiene at the Kazipet Railway Station through the installation of EzySpit Bins on the platforms. The widespread use of the EzySpit Bins demonstrates their efficacy in maintaining cleanliness and curbing the transmission of diseases. Your proactive approach contributes significantly to cultivating a secure and sanitary environment at the Kazipet Railway Station, thereby enriching the well-being of the entire community.


मुख्य स्वास्थ्य निरीक्षक

Chief Health Inspector

मुख्य स्वास्थ्य निरीक्षक
Chief Health Inspector
द.म. रेलवे, स्टेशन काजीपेट
S.C. Rly, Station Kazipet



N.F.Railway

**Office of the Director,
Darjeeling Himalayan Railway
Elysia Place Building, Kurseong, 734 203
Email: director.dhr@gmail.com**

No: DHR/KGN/Misc/Pt-I

Dated: 02.06.2023

To,
Team EzySpit,

This is to acknowledge your appreciable work in accordance with "Swachh Railway Station by Installation of EzySpit Bins at Darjeeling and Ghum Station Premises." By encouraging people to spit in designated areas, they contribute to a clean, safe, and disease-free environment and are well-used by users.

We look forward to working with you in the future to keep the railway premises clean and hygienic.

(Priyanshu)

**Director
Darjeeling Himalayan Railway
Kurseong**

20

**Government of India
Ministry of Railways
Railway Board**

No. 2023/EnHM/06/06

New Delhi Dated. 04.07.2023

**Principal Chief Mechanical Engineer,
South Central Railway,
Secunderabad.**


Sub:- Request from M/s EzySpit for demo of their products in Indian Railways.

Enclosed, please find herewith a proposal from M/s EzySpit, outlining the efficacy of their eco-friendly technology in capturing and containing saliva-borne pollutants by trapping and immobilizing the microbes present.

2. The firm claimed that the products of M/s EzySpit are based on patented technology and can be used to prevent pollution of land, air and water from human spit waste. This innovative solution can be implemented in both indoor and outdoor premises, providing a comprehensive approach to address the issue at hand.

3. In this regard, user trial of aforesaid product(s) as per their specifications, may be carried out on trial basis in South-Central Railways for a period of 3 months and outcome reports and other aspects may be furnished to Railway Board office, accordingly.

Encl: As above


(Shailendra Singh)
Executive Director/ME (EnHM& Proj.)
Railway Board

Copy to:- M/s EzySpit , Plot No.-X3, Higna MIDC, Nagpur for information.

Signature Not

Verified

20/09/2023/O/o CDMS/LP/STORE/HYB/SCR

Digitally signed by

GUNDU SRINIVAS

Date: 2023.10.20

15:29:03 IST

Reason: IREPS

Document

Location: IREPS-CRIS

Drawing for Spit Bin with Hood



SSE/Store/HYB

T. Behera
AEnHM/HYB

Signature Not
Verified
2 1967/2023/O/o CDMS/LP/STORE/HYB/SCR
Digitally signed by
GUNDU CHINNAS
Date: 2023.10.20
15:29:30 IST
Reason: IREPS
Document
Location: IREPS-CRIS

Annexure 1

Specifications for Spit Bin with Hood

1. Spit bin shall be shall work on the Eco Friendly technology that traps and locks the microbes present in saliva within seconds to prevent germs from spreading and also releases fragrance.
2. It should be tamper proof and spill proof. It should be able to absorb multiple spits.
3. Stainless steel Spit Bin with stand, hood and branding board shall be supplied along with 12 Refill bags, 12 Recyclable bag, 01 top fitting ring & 01 Net.
4. Spit capacity: 5000 spits
5. Dimensions:
 - Complete Bin: 12" x 80"
 - Spit bin Round: 12" x 18"
 - Branding board: 20" x 12"
 - Hood: 14"
 - Base plate: Stainless steel 4 mm.
6. Material:
 - Bin, Banding board, Hood and stand shall be made of Stainless steel Premium Grade 202.
7. Fitting on Concrete surface: 4 Anchor bolts with thread locking cement.
8. Fragrance: Rose
9. Colour: Silver
10. Category: Indoor/Outdoor


SSE/Stores


AEnHM/HYB

The logo graphic consists of several overlapping, semi-transparent rings in shades of blue, teal, and purple, creating a circular, tunnel-like effect. The word "EZYSPIIT" is centered within this graphic.

EZYSPIIT

Clean, Green & Disease-Free Initiative

Global Issues Environment is dealing due to open spitting

Global Issue

Leads Air, Water & Land Pollution & eventually enters humans via food chain, Air & Water



Water Waste

Million Liter of water is wasted every year to clean spit marks

632M people affected due to covid

392M people Suffered from COPD in 2019

3.2M people died due to COPD

10.6M people affected due to TB

1.6M people died due to TB in 2021

20.3% of global population consumes Tobacco



Violations

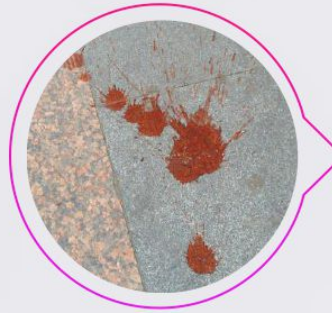
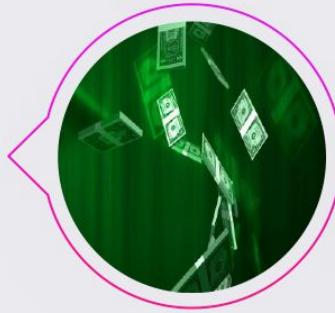
SDG 3 - Good health & well being

SDG 6 - Sanitization

SDG 11 – Sustainable cities

1200 Cr

Is wasted every year to clean spit marks on railway stations



Nature

It deteriorates environment beauty

Public Washroom

Defined Place For
Urination



Smoking Area

Defined Place To
Smoke

SMOKING AREA



Handkerchief

Defined Place To
Sneeze

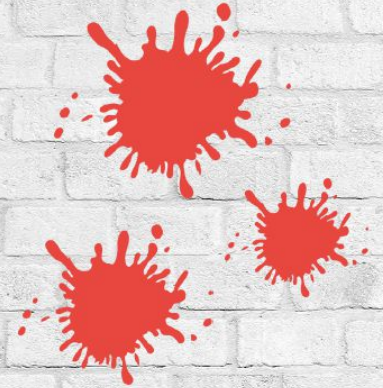


Public Dustbins

Defined Place To
Throw Waste



No Define Place To Spit



Innovation focus is concentrated on **specialized Problem**,
and on **Development**

EZYSPLIT

INDIA

World's First Spill Proof
Reusable Mobile Spittoon

1

Novel Innovation

World's First Spill Proof
Reusable Mobile Spittoon

2

Patented

One Of Its Kind
Technology

3

Monopoly

Zero Competition, Only
One Product In Market

THE MAGIC RECIPE OF EZYSPIT



Hybrid Content

It locks the bacteria and viruses in 10 seconds & releases fragrance

Bio- Degradable

Starts biodegrading within 15 days of dispose

Temper Proof

Our products is temper proof and do not retain To liquid state

Multiple Time Usable

Each product can be used multiple times

Developing Plants from Human Waste

World's first innovative solution that convert your spit waste into plants

Natural & Chemical Free

No chemical & Toxic agents are used

IMPACT OF 1 SPIT ..

References : MIT &
www.centraldentalnorwood.com

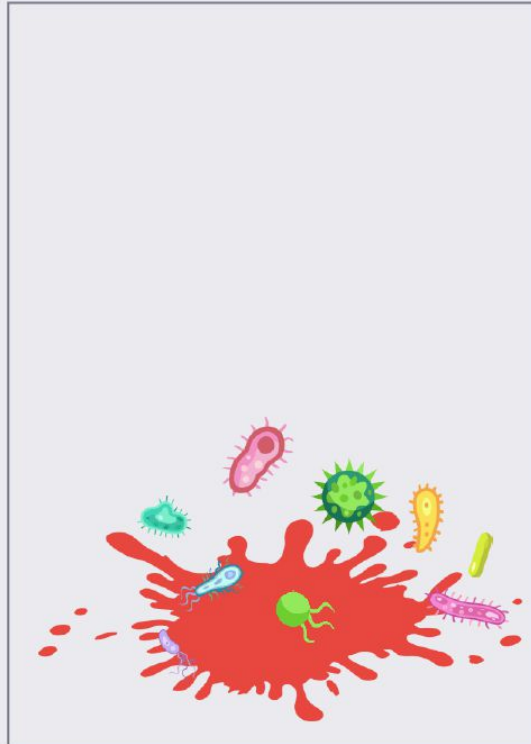
1 Spit = 27 feet

*Germs spread in 27 feet area



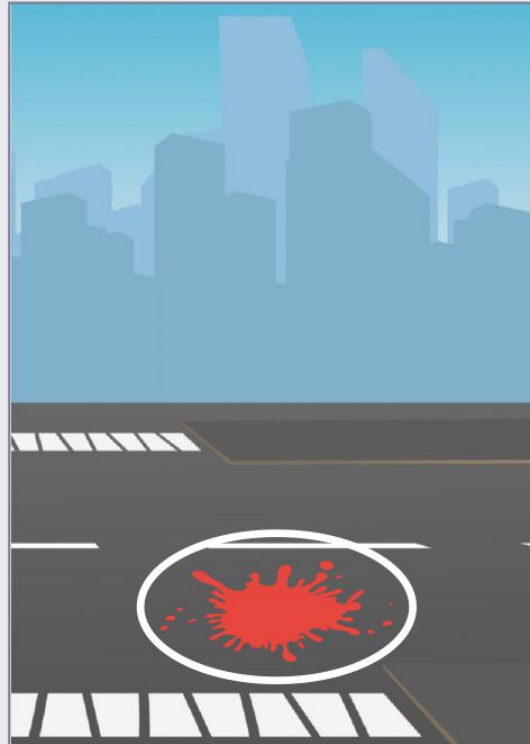
1ml Spit = 100 Million

Microbes



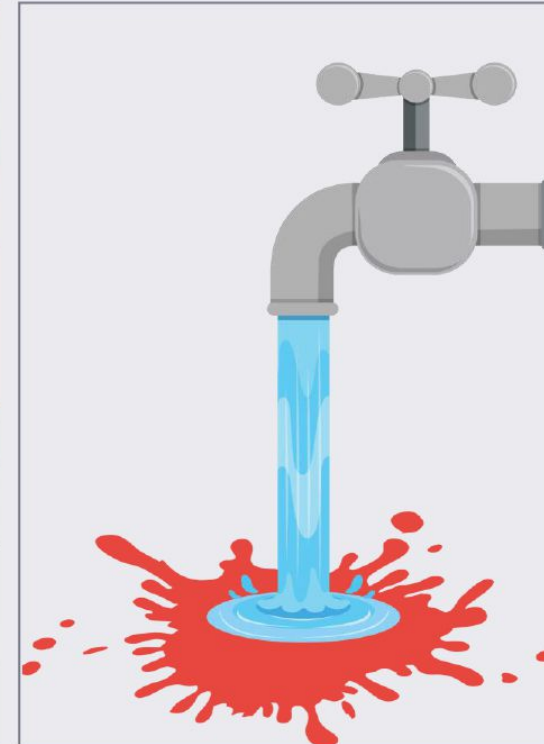
1 Spit = 1Sq/feet Area

*If Person Spits it Covers 1Sq/feet area



1 Spit = 1 Liter Water

*Average water wastage cleaning /spit



IMPACTED SO FAR..

Locked 20.11Cr Spits Till Now

52.22Cr Lives

Locked 20,11,739,82 crore spits and have impacted 52,22,10000 lives



1.85Cr Sq/Meter Land

we prevented 1.85 crore square meter land from getting polluted



2000 Trillion Germs

1 Spit consist of 100 million microbes (Source :central dental) 100 million x 20 crore= 2000 trillion microbes prevented from coming in air

20Cr Litre Water

We saved around 20 crore litre water wastage used in cleaning spit marks



17882 Trees Planted

17882 Tress planted till now from human spit waste.

- Teak Wood - Teak has the highest capacity for carbon sequestration among trees in India, absorb **3.70 lakh** tones of carbon dioxide from the atmosphere .
- Gulmohar
- Cassia
- Karanja



Awards & Recognitions

EzySpit has been recognized as a top 5 prevention solutions tackling the coronavirus pandemic.

by StartUs Insights (Austria's famous research organization).

PRODUCT CATEGORIES



Pouch



Container



EzyVomit Bag



Bin with Hood



Bin Automatic