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### **About**





Motivating our MSMEs to adopt a quality driven ecosystem



#### **ELIGIBILITY**

All MSMEs registered with the Udyam registration portal will be eligible to participate in MSME Sustainable (ZED) Certification Scheme and avail related benefits/incentives.



#### **VISION**

To improve MSME manufacturing systems & processes, enhance MSME competitiveness, make them sustainable and transform them as National and International Champions.



#### **Phases**

The ZED Certification is proposed to be implemented in 2 Phases:



#### PHASE 1

For Manufacturing MSMEs with Udyam Registration.
This phase will focus largely on maximizing inclusion of manufacturing MSMEs and taking them through the journey of ZED

#### PHASE 2

Inclusion of Service Sector MSMEs. This phase will also strive to integrate those MSMEs (manufacturing and Service Sectors) who are registered under a State Government protocol/system but not on Udyam. This phase will also make provisions to align ZED Certification with the international certifications for its global acceptance

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# ZED Certification: Process & Parameters

#### Features of the ZED scheme



Three (03)
Certification Levels:
Bronze, Silver & Gold

Conformity Model. No weighted average. MSMEs would need to comply with the requirements of the Certification level applied for

MSMEs can apply for any Certification level

Easy to understand Model, 20 parameters

Few parameters exempted from assessment for identified certifications like ISO, Lean etc.

All MSMEs take ZED
Pledge after
Registration

More Benefits and incentives

Concept of Virtual Awareness & Training and Remote Assessment

ALL SYSTEMS & PROCESSES IN ZED CERTIFICATION ARE END TO END DIGITALIZED

#### **Certification Levels**









1

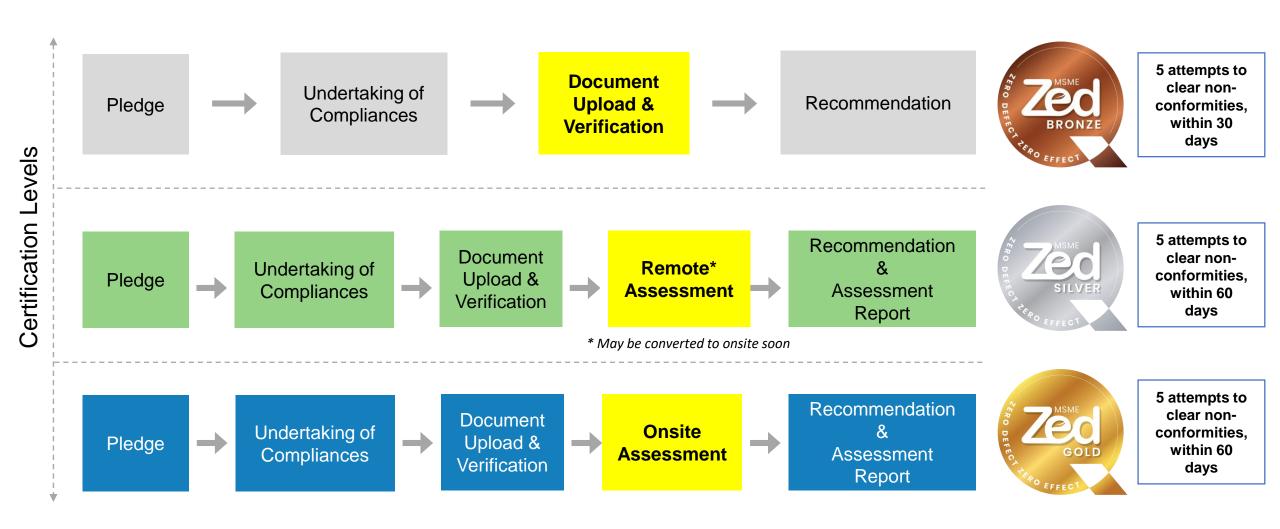
Register & take ZED Pledge 2

After taking the ZED Pledge, the MSME can apply for any Certification Level if it feels that it can fulfil the requirements mentioned in each level

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#### **Certification Process**





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#### **ZED Parameters** Maturity through Conformity Assessment



- 1. Leadership
- 2. Swachh Workplace
- 3. Workplace (Occupational) Safety
- 4. Measurement of Timely Delivery
- 5. Quality Management
- 6. Human Resource Management
- 7. Daily Works Management
- Planned Maintenance & Calibration
- 9. Process Control
- 10. Product Quality & Safety (Testing/Certification)
- 11. Material Management
- 12. Energy Management
- 13. Environment Management
- 14. Measurement & Analysis
- 15. Supply Chain Management
- 16. Risk Management
- 17. Waste Management (Muda, Mura, Muri)
- 18. Technology Selection & Upgradation
- 19. Natural Resource Conservation
- 20. Corporate Social Responsibility





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#### **Parameters exempted from assessment**



Note: MSME units possessing the existing certifications, as listed below (from NABCB accredited Certification Bodies or by an Accreditation Body which is signatory to the respective Multilateral Recognition Arrangement (MLA) of International Accreditation Forum (IAF)), will be exempted from assessment of the relevant parameters. For exemptions on the parameters indicated for Lean, it is permissible, only if the Lean certification is obtained from the Implementing agencies under the MSME Competitiveness (Lean) Certification Scheme, of Ministry of MSME.

Parameter No.	Parameter Name	Certification required for exemption
3	Occupational (Workplace) Safety	ISO 45001
5	Quality Management	ISO 9001
7	Daily Works Management	Advance Lean-C (completion Certificate)
12	Energy Management	ISO 50001
13	Environment Management	ISO 14001
17	Waste Management (Muda, Mura, Muri)	Advance Lean-C (completion Certificate)

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### Benefits/ Incentives for the MSMEs

#### **Benefits of ZED Adoption**



# A sustained practice of ZED principles will have multiple benefits

- Streamlined operations and lower costs
- Superior quality, reduced rejection and higher revenues
- Increased environmental & social benefits
- Credible recognition of the industry for international customers seeking investment in India
- Image of a Responsible Enterprise

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#### **Incentives**



### Financial Assistance

- Subsidy on Certification
- Financial support for Testing/Systems/Product Certification
- Subsidy on Handholding
- Subsidy on technology upgradation for Zero Effect Solutions



Graded incentives as
prescribed by States, Financial
Institutions, other Ministry/Depts
etc., for the three ZED
Certification Levels

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#### **Actual Cost of Certification**



Rs 10,000/-.



Rs. 40,000/-



Rs. 90,000/-

#### **Incentives**

Subsidy on Cost of Certification

80%

Micro Enterprises 60%

Small Enterprises

50%

Medium Enterprises

#### **Additional Subsidy**

A limited-purpose joining reward of Rs. 10,000/- valid for 1 year after taking ZED Pledge which may be adjusted against any Certification

5% to MSMEs which are also a part of the SFURTI OR Micro & Small Enterprises -Cluster Development Programme (MSE-CDP) of the Ministry 10% to MSMEs owned by Women/SC/ST Entrepreneurs OR MSMEs in NER/ Himalayan/ LWE/ Island territories/ aspirational districts

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#### Incentives: Subsidy & Financial Assistance



# Financial Assistance in Testing/Systems/ Product Certification

 Up to 75% of the total cost of Certification, with the maximum ceiling of subsidy being Rs. 50,000/-

#### **Conditions:**

- Only 1 Certificate can be reimbursed
- Certificate only through accredited lab of NABL or accredited agency of NABCB, or by BIS

### Handholding Support

 Up-to Rs.2 lakhs for consultancy for all ZED certified MSMEs

#### Support in Technology Upgradation for Zero Effect Solutions

Up-to Rs. 3
lakhs for all
ZED certified
MSMEs

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#### **Graded Incentives:** By MoMSME (in progress)



#### **International Cooperation (IC) Scheme**

#### **Stall Charges:**

- 3.00 + 0.50 Lakh for Bronze ZED certified MSMEs
- 3.00 + 1.00 Lakh for Silver & Gold ZED certified MSMEs

#### Air Fare:

- 1.50 + 0.25 Lakh for Bronze ZED certified MSMEs
- 1.50 + 0.50 Lakh for Silver ZED certified MSMEs
- 1.50 + 0.75 Lakh for Gold ZED certified MSMEs

#### **Freight Charges:**

- Existing + 10000 for Bronze ZED certified MSMEs
- Existing + 15000 for Silver ZED certified MSMEs
- Existing + 25000 for Gold ZED certified MSMEs (Rs. 75000/- for Latin American countries and rest of the countries Rs. 50000/-)

#### **Digital MSME Scheme**

- Access to MSME Digital Bronze Subscription for Bronze ZED certified MSMEs
- Access to MSME Digital Silver Subscription for Silver ZED certified MSMEs
- Access to MSME Digital Gold Subscription for Gold ZED certified MSMEs

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#### **Incentives**

Other Ministries/ Departments (In progress)





#### Railways

 Concessions on Parcel Special/ Vyapar Mala



#### Banks

- Concession in Processing fee
- Concession in rate of interest
- Preference in lending

#### **Credit Bureaus**

 Incorporating ZED Certification as a parameter in its rating mechanism

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To know more on the benefits and incentives, please visit <a href="www.zed.msme.gov.in">www.zed.msme.gov.in</a>

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A Digital Document Wallet from Government of India

DigiLocker aims at 'Digital Empowerment' of the citizen by providing access to authentic digital documents to the citizen's digital document wallet.

The ZED Certificates via APIs have been integrated with DigiLocker.

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# How to Apply

### www.zed.msme.gov.in





REGISTER NOW

REGISTER NOW

REGISTER NOW

REGISTER NOW

Click here to register

Registration

Back to Login

Incentives

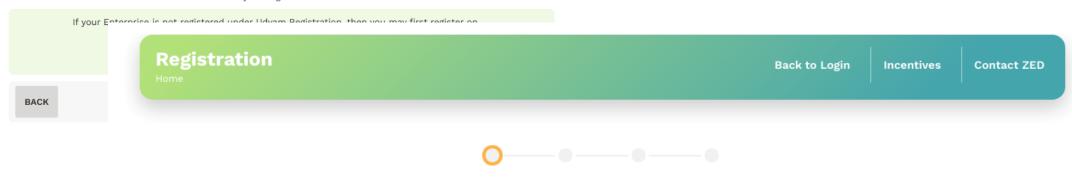
Contact ZED



#### Welcome

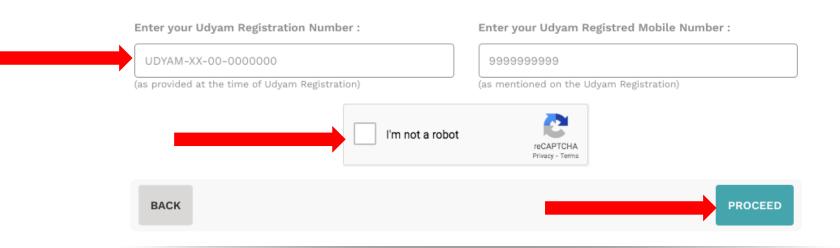
To proceed, please keep the following ready:

- 1. The Udyam Registration Number of the Enterprise.
- 2. The Mobile Number that is associated with the Udyam Registration.

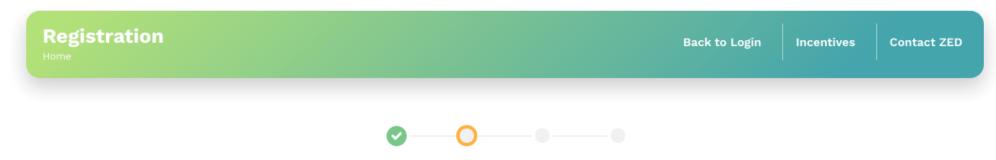


#### **Udyam Validation**

Enter your
Udyam
Registration
Number, the
associated
mobile number
and click on
proceed



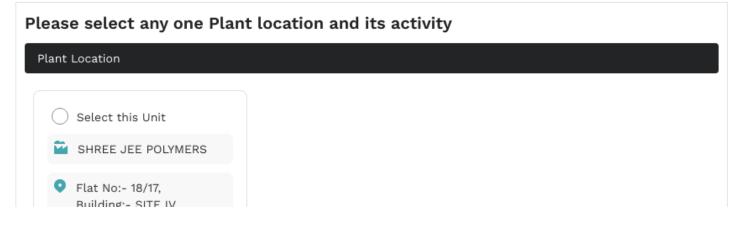




#### **Unit and Activity**

Your details have been validated from MSME Database (Ministry of MSME, Government of India)

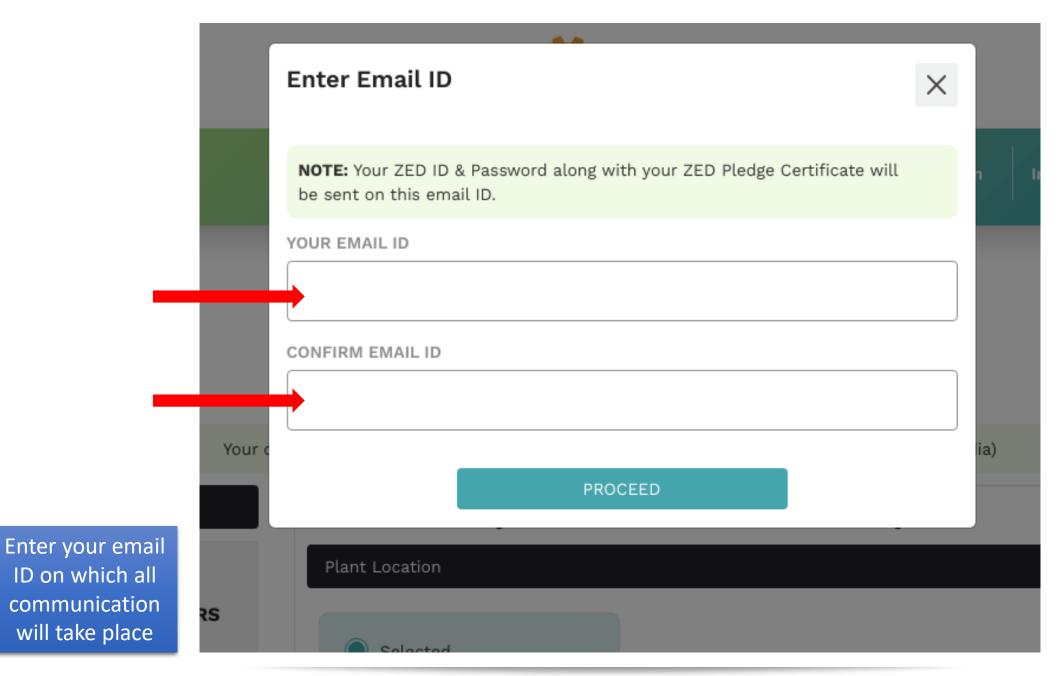




Select the plant location and activity

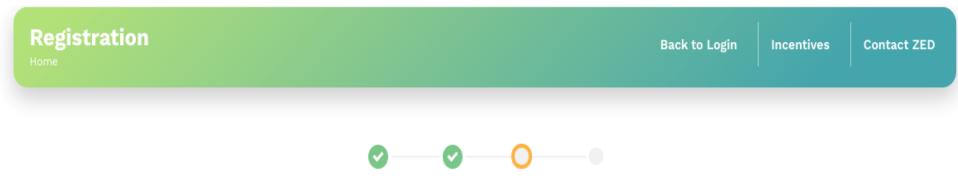
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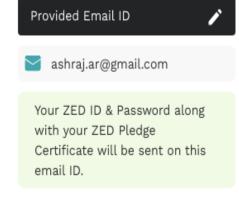


#### Summary

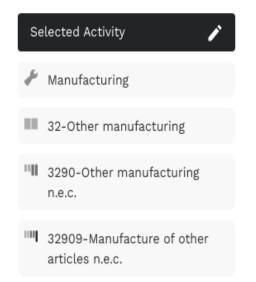
View if all information is correct. Amend if needed.

NOTE: Any information related to Udyam can only be corrected on Udyam portal only

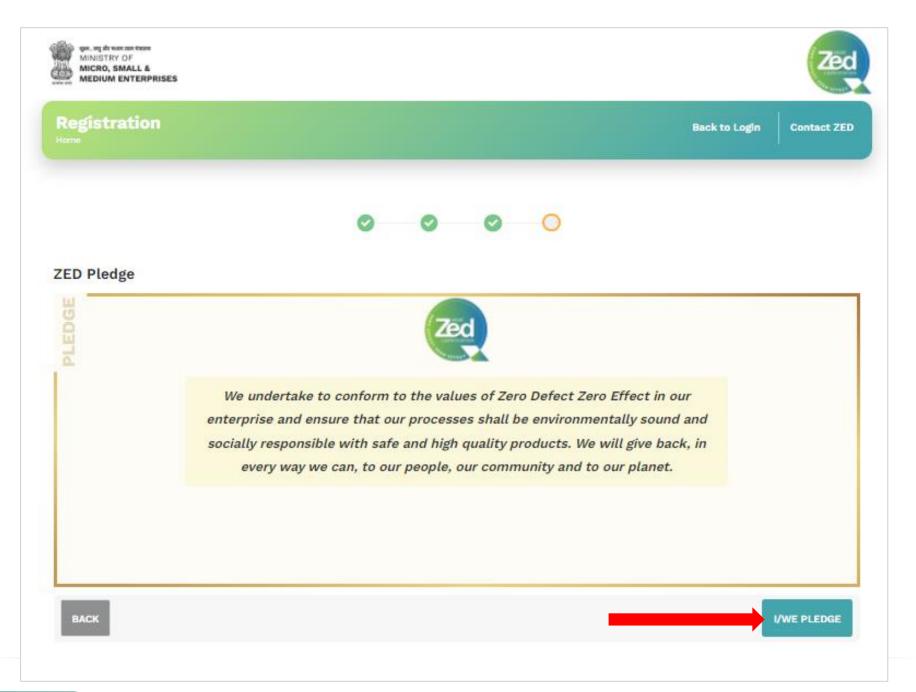








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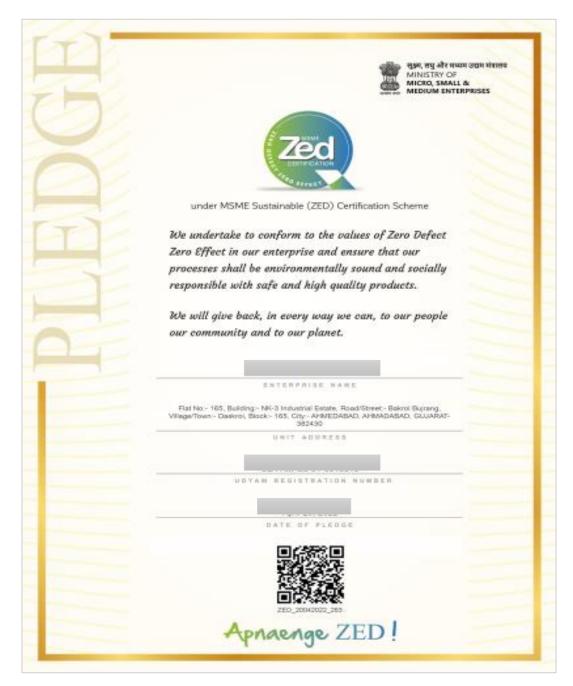


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Take ZED Pledge

#### **ZED PLEDGE CERTIFICATE**





Sample ZED
Pledge
Certificate

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#### Welcome

MICRO

#### M/S REVATI PET INDUSTRIES

**UDYAM Number** 

ZED ID

ZEDMSME000263

Selected Unit

N/A

Flat No:- 165, Building:- NK-3 Industrial Estate, Road/Street:-Bakrol Bujrang, Village/Town:-Daskroi, Block: - 165, City: -AHMEDABAD, AHMADABAD, GUJARAT, 382430

You can now start the "Bronze/Silver/Gold certification" from the ZED MSME Mobile Application

Getiton Google Pla

REFRESH ON 20-04-2022 10:23 AM



#### **My Certifications**

Apply for Bronze, Silver or Gold Certifications.

**BRONZE CERTIFICATION** 

→ Get started

**VIEW DETAILS** 

**APPLY** 

→ Get started

**VIEW DETAILS** 

APPLY

**GOLD CERTIFICATION** 

**VIEW DETAILS** 

→ Get started

**APPLY** 

After you login again with your credentials, you can view your dashboard and apply for any ZED Certification Level

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#### SAMPLE ZED CERTIFICATES









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### Let's move to the website to see its features

WWW.ZED.MSME.GOV.IN

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# Brief about the ZED parameters

#### **ZED Parameters** Maturity through Conformity Assessment



- Leadership
- Swachh Workplace
- Workplace (Occupational) Safety
- Measurement of Timely Delivery
- **Quality Management**
- **Human Resource Management**
- Daily Works Management
- Planned Maintenance & Calibration
- **Process Control**
- Product Quality & Safety (Testing/Certification)
- Material Management
- **Energy Management**
- **Environment Management**
- Measurement & Analysis
- Supply Chain Management
- Risk Management
- Waste Management (Muda, Mura, Muri)
- **Technology Selection & Upgradation**
- Natural Resource Conservation
- Corporate Social Responsibility





To obtain Certification, an MSME has to conform to the requirements of:

- 1. All 5 parameters for **BRONZE**
- 2. All 14 parameters for **SILVER**
- All 20 parameters for **GOLD**



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#### **BRIEF DESCRIPTION OF ALL 20 ZED PARAMETERS**



01 LEADERSHIP

Commitment to the ZED values can be demonstrated by taking accountability of the effectiveness of the system, reviewing the performance of ZED parameters and promoting improvement

SWACHH WORKPLACE

A Swachh workplace not only enhances the image of the organization in the eyes of stakeholders including the customers, but also boosts the morale of the people working in the organization as well.

OCCUPATIONAL (WORKPLACE) SAFETY To create a safe working place, an organization should create a Safety Policy and comprehensive action plans to address the safety concerns of all stakeholders including (but not limited to) employees, contract workers, supply chain and community

MEASUREMENT OF TIMELY DELIVERY

This parameter assesses the ability of various activities to deliver on time in terms of "on- time full delivery" which indicates how many deliveries are supplied On Time, In Full (OTIF)

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#### **BRIEF DESCRIPTION OF ZED PARAMETERS**



QUALITY MANAGEMENT

Quality Management is key for any organisation to sustain and stay ahead of the competition. The organisation should define its Quality management system covering all products and processes across the organisation and supply chain

HUMAN RESOURCE MANAGEMENT

In order to systematically develop the skills of its people, the organizations must understand their competence or skill levels, identify training & skill development needs and gaps to design effective people development plans at all levels to enhance the skills of the workforce.

DAILY WORKS
MANAGEMENT

Daily Works Management (DWM) is the system that provides the ability to manage departments and functions wherein processes are defined, standardized, controlled, and improved by the process owners

PLANNED
MAINTENANCE &
CALIBRATION

Planned maintenance means that there is a system of identifying the maintenance requirements (including calibration) of the machines, equipment & devices to create a schedule of maintenance so that they do not breakdown unexpectedly

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#### **BRIEF DESCRIPTION OF ZED PARAMETERS**



PROCESS CONTROL

A robust Process Control means active changing/ adjustment/ correction of the process, based on the results of process monitoring.

PRODUCT QUALITY
& SAFETY
(TESTING/CERTIFICATION)

The organisation is required to identify and ensure relevant testing and certification requirements for the products & processes (as applicable)

MATERIAL MANAGEMENT

The fundamental objectives of the Material Management function, often called the famous 5 Rs of Materials Management, are acquisition of materials and services of the right quality, in the right quantity, at the right time, from the right source, at the right price

ENERGY MANAGEMENT

Robust Systems for Energy efficiency is an indicator of responsible manufacturing as it not only conserves essential resources but also reduces carbon footprint. Energy in this parameter includes electrical energy, fossil fuel & renewable energy

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#### **BRIEF DESCRIPTION OF ZED PARAMETERS**



ENVIRONMENT MANAGEMENT

The organisation is required to ensure that it meets the regulatory requirements and should have implemented relevant processes to monitor and enhance compliance

MEASUREMENT & ANALYSIS

To objectively evaluate the performance of the organisation, the Senior management must identify and measure the key processes with an aim to improve them

SUPPLY CHAIN MANAGEMENT

A strong collaborative relationship between the organization & its suppliers increases the speed to market and shortens the development cycle. This also includes outsourced partners.

RISK MANAGEMENT

Every organization faces several risks which may severely impact the overall well-being of the organization. This parameter aims to assess how well the organization is prepared to manage the risks and ensure Business Continuity

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#### **BRIEF DESCRIPTION OF ZED PARAMETERS**



WASTE MANAGEMENT

Waste is broadly defined as anything that adds to the cost of the product without adding value to it. Wastes can be broadly classified into Muda, Mura & Muri.

TECHNOLOGY
SELECTION &
UPGRADATION

Adoption of the Best Available Technologies (BAT) including Internet of Things (IoT), sensors, Cloud computing, Artificial Intelligence (AI), etc. in a planned manner will help the organization produce superior products, enhance efficiencies and stay competitive. This may also include adoption of relevant developments like Industry 4.0

NATURAL RESOURCE CONSERVATION

This parameter deals with the Organisation's understanding of renewable and non-renewable resources and the approach followed by it towards conservation of non-renewable natural resources and optimal use of renewable resources

CORPORATE SOCIAL RESPONSIBILITY

Through Corporate Social Responsibility, organisations integrate social and environmental concerns in their business operations and interactions with their stakeholders

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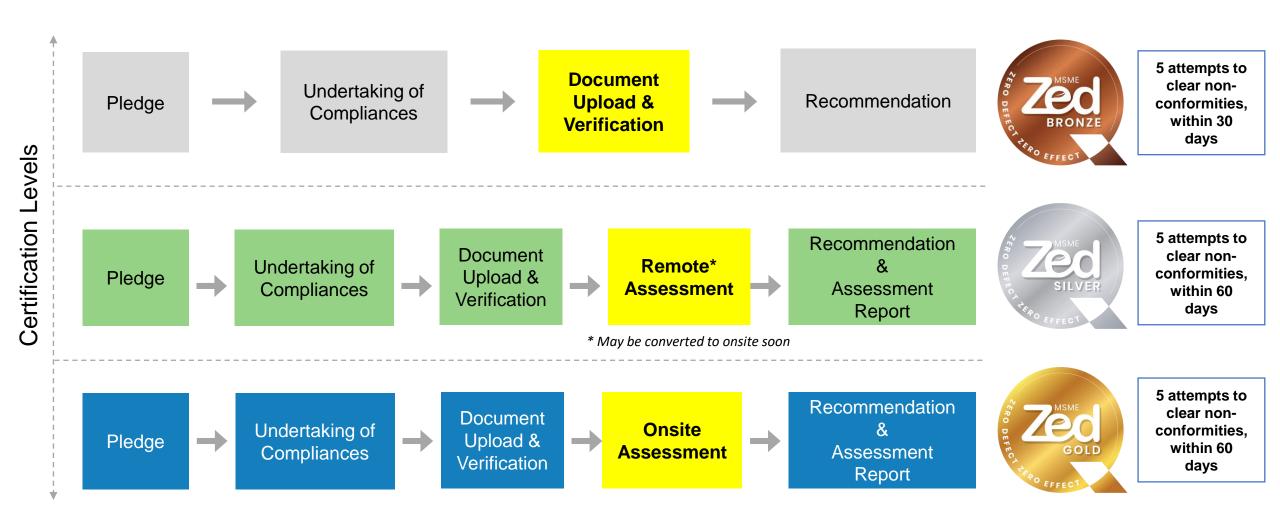




# Basic information & document upload

### **Certification Process**





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# **GENERAL INSTRUCTION**



<b>DO's</b>	DON'T
Photographs are captured directly from your unit	Photographs captured from laptop/PC, documents, printed images etc.
Photographs must be clear	Low resolution / unclear / hazy photographs
Photographs of the shop floor area where employees are working	Photographs of carpet, floor, tiles in the shop floor section
Photograph of the raw material store	Photograph of raw material
Photograph of the finished good store	Photograph of finished good
Photograph of fire extinguisher clearly showing area of installation	Zoomed photograph of fire extinguisher
Fire extinguisher clearly showing validity & the date of filling/refilling	Unclear text/validity of fire extinguisher
Sand buckets specifically designed for fire and safety at designated place	Random container with mud
Employee working wearing industry appropriate personal protective equipment (PPE)	Employee wearing irrelevant PPE kit
Posters on safety displayed at appropriate locations	Posters on subjects not related to safety, faded or torn/unclear posters
Photograph of other safety system such as fire alarm, sprinkler etc	Photograph of irrelevant safety systems

# **BASIC INFORMATION**



Basic Information												
S. No.	Fields		Input									
1	<b>MSME Representative Selfie</b>	Photo upload										
2	Site Exterior Photo	Photo upload										
1	Whether 3rd Party Financial Audits are conducted?	Yes/No										
2	Name of Product manufactured	Text Box	Whether Exported?	Yes/No	Upload of product Photo	Description of product						
3	<b>Key Domestic Customers</b>	Text Box										
4	<b>Key International Customers</b>	Text Box										
5	Whether Raw Material is imported?	Yes/No										
	Name of Raw Material	Text Box	% of raw material imported	Text Box	Name of Country	Text Box						
6	Processes Outsourced, if any	Text Box										
7	Energy Source(s) used	Electricity/Petrol/Diesel/Co al/Solar/Wood/Natural Gas/Other	Multiple Check Box									
8	Monthly Manufacturing Capacity	Text Box										
9	Monthly Utilization	Text Box										

# **BASIC INFORMATION**

# **Site Exterior**









# **Site Exterior**

















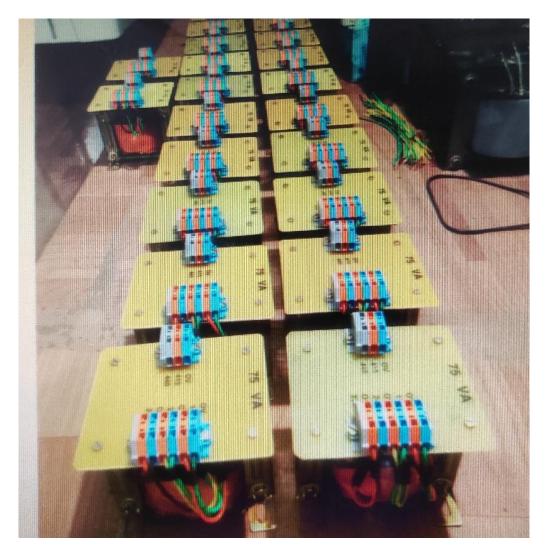


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# **Product Photo**











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## **Evidence required:** Pictures of Working Area









**Guidance:** Upload Evidence/Photographs of the areas where work is being done by employees or machines to manufacture or process the products



# **Swachch Workplace**





# **Evidence required:** Pictures of Working Area





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## **Evidence Required:** Pictures of Staff Toilet (Outside and Inside View)







**Guidance:** Evidence/Photographs should be clicked to show the inside of toilets and also the outside. If there are separate toiles for men and women, add separate Evidence/Photographs of both

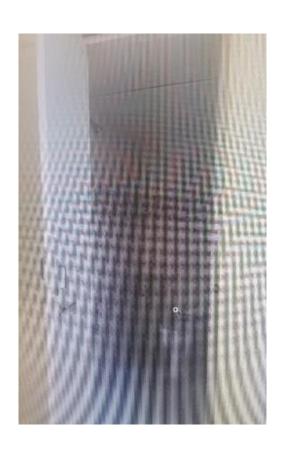


# **Swachch Workplace**





**Evidence Required:** Pictures of Staff Toilet (Outside and Inside View)







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## **Evidence Required:** Picture of Raw Materials Storage Area





**Guidance:** Take the Evidence/Photographs of raw material stores, if separate otherwise, take Evidence/Photographs of the area where raw materials are stored. Capture the Evidence/Photographs of different raw materials that are used to manufacture the product(s)

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# **Swachch Workplace**





# **Evidence Required:** Picture of Raw Materials Storage Area











### **Evidence Required**: Picture of Final Product Storage Area





**Guidance:** Take the Evidence/Photographs of Finished Goods stores, if separate otherwise, take Evidence/Photographs of the area where finished goods/materials are stored. Capture the Evidence/Photographs of different products.

Also, add Evidence/Photographs of packed product which should show the label clearly

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## **Evidence Required**: Picture of Final Product Storage Area



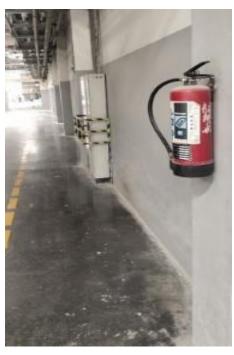






**Evidence Required:** Pictures of Fire Extinguishers at Working Area and Storage Area with Filling/Refilling Date









**Guidance:** Take Evidence/Photographs of the fire extinguishers installed within the unit in the areas where work is being done by employees or machines to manufacture or process the products. The Evidence/Photographs should clearly show where the fire extinguishers are placed. Also, add close up picture showing complete fire-extinguisher) of the same fire extinguishers clearly showing the date of filling and refilling.







**Evidence Required:** Pictures of Fire Extinguishers at Working Area and Storage Area with Filling/Refilling Date











## **Evidence Required:** Pictures of Sand Buckets





Guidance: The Evidence/Photographs of the sand buckets should clearly show where they are placed

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## **Evidence Required:** Pictures of Sand Buckets











**Evidence Required:** Picture of Employees wearing industry appropriate personal protective equipment (like, Helmet, Gloves, etc.)





**Guidance:** Take Evidence/Photographs of the workers while they are working. PPE should be suitable with respect to the work safety risks.

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**Evidence Required:** Picture of Employees wearing industry appropriate personal protective equipment (like, Helmet, Gloves, etc.)









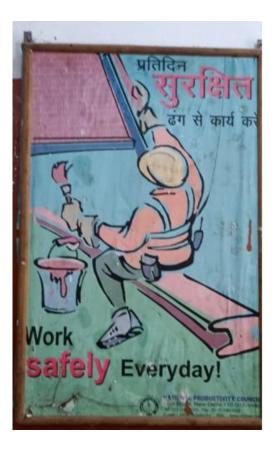
## **Evidence Required:** Pictures of Industry Safety related Posters











**Guidance:** Take Evidence/Photographs of safety posters from different areas of the unit in such a way that their location could be seen.

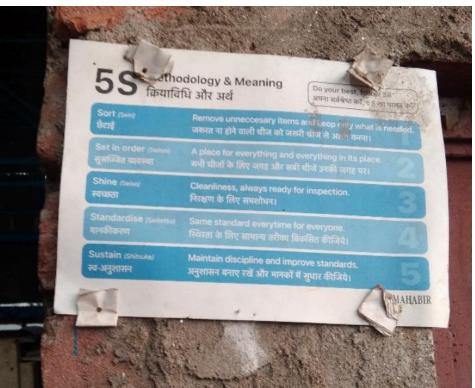


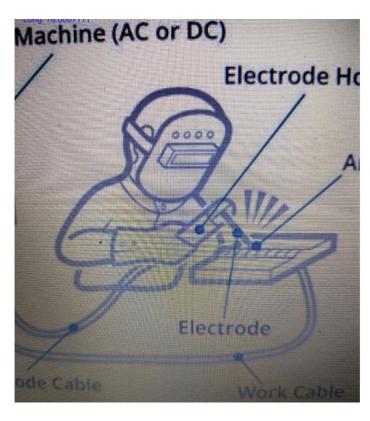




## **Evidence Required:** Pictures of Industry Safety related Posters













Evidence Required: Pictures of other Safety Systems (like Fire Hydrants, Fire alarm, First-Aid kit, etc.)







**Guidance:** Example of other safety systems are- Fire alarms, fire sprinklers, fire hydrants, etc. Add Evidence/Photographs of these, if installed at the unit. The Evidence/Photographs should clearly show where the fire safety equipment/systems are placed.

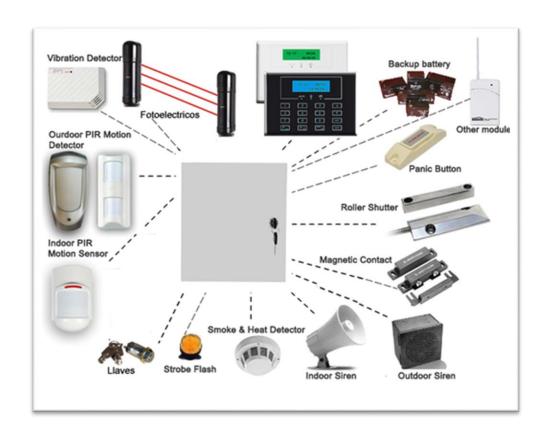






Evidence Required: Pictures of other Safety Systems (like Fire Hydrants, Fire alarm, First-Aid kit, etc.)







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# Occupational (Workplace) Safety







# **Measurement of Timely Delivery**



**Evidence Required:** Picture depicting dispatch date, item quantity and delivery dates etc. (of last 3 months)

		Dispatch Register									
Sr. No.	Date	Consignee	Buyer	Invoice No.	Amount	Order No.		Order Quantity	Dispatch Date	Delivery Date	Supplier Ref.

**Guidance:** Evidence/Photographs of Dispatch register, Evidence/Photographs of Proof of Delivery (POD)/delivery challans duly signed by the customers (at least 2 different customers), graph or records of delivery dates against order dates







## Evidence Required: List of Trainings conducted on Quality

	Agenda Initiated By	1 Conforms Book 1 Constant of the Act of the	or Manufacturing . Analytical Charlest	7-				
St. No.	Name of the Trainee	Training Duration	Signature of the trainee					
			Before	After				
1	M.L. Ansari	SEED FOR AN SCHOOL	figur	Lyn				
2	Mr. Vipul Anand	*1	Whent	Gart				
3	Mr. Abhishek Kumar	49	Atherine Konn	Alberton				
4	Mr. Prabhakar Mishra	94	Balbalon mich	Relieber mil				
5	Mr. Babul Ranjan	n	Betau Kanga-	Beins Kangton				
6	Mr. Shiv Kumar Yadav	40	gry	Soit				
7	Miss. Sangita Kumari		Sagist	Sala.				
8	Miss. Kumari Saurabh	*1	Konorifairan	Kiman franch				
9	Miss. Abhilasha Sinha	16	Attitude Sinky	Abhiliasha Sinha				
10	Miss. Priyanka Singh	*11	Priyanka	Prymer				
11	Miss. Neha	94	Neha	eNone.				
12	Mr. Aman Kumar	297	An Kanar	Arm Vives				
13	Mr. Pradeep Kumar	**	Commence	Breaking				
14	Mr. Shyam Nandan	**	84-	Sky				
15	Vr. Shubham kashyap	**	Surker	Buken				
16 1	Ar. Shudanshu Shekhar	- 17	Sta	Sign				
17 1	dr. Manibhushan Pandit	41	May Churchan	Homi Shuch				

1	Sr.	HAKUNTALA S		2022-2023								Date :- 01,03,2022				
	No.	Training Topics	Proposed Faculty	MAR 22	APR 22	MAY 22	JUN 22	JUL 22	AUG	SEP 22	OCT 22	NOV 22	DEC	JAN 23	FEB 23	Remark
	1.	Personal Development	Mr.Sohan Tiwade	0											-	1
-	2,	Rejection Control				1989	1								1	
3	3.	Stress Management	Mr.Sohan Tiwade		0								1	1		1
4	-	Strategic Planning			13211						1		1	1	1	1
5.		Root Cause Analysis			1990		1911			1	1		1	1	1	1
6.		Supplier Rating Awareness								1				1	1	
7.	L	eadership Development		A ELEN		1				100	1	18/11	100	1	1	1
8.	PI	rocess Mapping						183				1	1	1	1	
9.	Cr	ritical Thinking					1990	100	1		1					
0.		uality Standard									1			1		
-	Em	otional Intelligence		Section 2	133		1300	100	1		1		1	1		1
		plier Rating	A 1881	14 316		PART .	1	1	1	11/1	1	1		1		1

**Guidance:** The list should include names of the trainings planned and conducted on quality, for the employees /workers, along with dates of trainings.

