



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL & MEDIUM ENTERPRISES

सत्यमेव जयते



MSME Sustainable (ZED) Certification Scheme

ASSESSMENT REPORT

MAHADEV CASTING

RAJKOT, GUJARAT

Latitude: 22.1579956

Longitude: 70.8572759

ABOUT THE ZED ASSESSMENT REPORT

The MSME Sustainable (ZED) Certification is a scheme of Ministry of MSME to facilitate, assess and certify the applicant MSME based on a matrix of Quality, Productivity, Environment, Energy and other Parameters, leading to the following Certification Levels:



This report is an outcome of an assessment (Desktop or Remote or Site, as per Certification Level) of the applicant MSME's unit based on the requirements as laid down in the relevant Certification Level. The intent of this report is to provide information useful for the MSME for it to strengthen its systems and processes and move ahead on the journey of ZED. In this report, findings are presented on an exception basis only.

DISCLAIMER

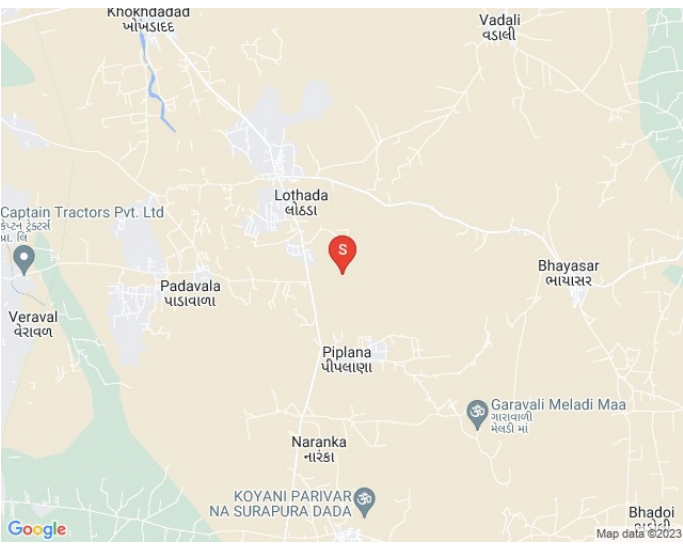
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- a. This is an electronically generated report/transcript. It does not require any signature.
- b. The Certification is voluntary and the report provided pertains to the systems and processes of this unit only.
- c. This report is for the purpose of summarizing the outcomes of the assessment process for the applicant Unit as per the information provided by the Applicant.
- d. The assessment has been conducted subsequent to the undertaking by the MSME that it complies with and fulfills all relevant and applicable regulatory and statutory norms/licenses/requirements pertaining to the functioning of this manufacturing unit. Any deviation from this undertaking may result in recall/withdrawal of the Certification provided.
- e. The Certification is valid only for a period of 3 years from the date of issue as mentioned on the Certificate, subject to surveillance assessment (as applicable) conducted within the validity period. The cost of surveillance will be borne by the applicant MSME.
- f. This Report contains a summary of assessment findings as validated through the assessment which is based on the requirements of the relevant ZED Certification Level.
- g. The ZED logo can only be used by those MSMEs which have successfully achieved a Certification (Bronze, Silver or Gold). The guidelines regarding logo usage are being sent separately.
- h. This report has been made for the exclusive use and benefit of the MSME assessed and Ministry of MSME or any of its implementation partner will not accept any liability that may arise if this report is used for any purpose other than intended for nor to any third party in respect of this report.
- i. This report is not an alternative to legal / financial / taxation / accountancy / other advice from an appropriately qualified professional.
- j. Ministry of MSME or any of its implementation partner do not represent, warrant, undertake or guarantee that the use of information or guidance (if any) in the report will lead to any particular outcome or result.
- k. While every attempt has been made to ensure the veracity of this report, Ministry of MSME and QCI are not responsible for any errors or omissions, or for the results obtained from the use of the information contained herein. All information in this report is provided "as is".
- l. Information not disclosed by the applicant MSME could alter the findings outlined in this report. In such situations, Ministry of MSME reserves the right to withdraw or amend its opinions/suggestions, conclusions and Certification provided.

ASSESSMENT SUMMARY

Unit Name	MAHADEV CASTING
Udyam Registration Number	UDYAM-GJ-20-0054156
Enterprise Type	Small
NIC Sector (2 Digit)	24-Manufacture of basic metals
Unit Address	Flat No:- S.123/P2 124/P2 125/, Building:- PLOT NO. 40, J. K. DIAMOND INDUSTRIAL AREA, Road/Street:- B/H. MADHUVAN RESTAURANT, Village/Town:- LOTHADA, Block:- TAL. - KOTDA SANGANI, City:- RAJKOT RAJKOT GUJARAT-360022
Certification Date	December 25, 2023

Latitude: 22.1579956: Longitude: 70.8572759



ZED CERTIFICATION LEVEL

Awarded to the applicant MSME after fulfilling all requirements of this Certification Level as laid down in the MSME sustainable (ZED) Certification Scheme Guidelines of Ministry of MSME



BASIC INFORMATION

Information contained in this section is as provided by the applicant MSME, relevant to the requirements contained in this Certification Level. The Photographs depicted are geo-tagged & time-stamped and have been uploaded by the applicant through the ZED online systems.



Site Exterior Picture

S.No	Fields	Input												
1	Whether 3rd Party Financial Audits are conducted?	No												
2	Product manufactured	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #008080; color: white;"> <th>Product Name</th> <th>Whether Exported</th> <th>Product Photo</th> <th>Product Description Photo</th> <th>Conformance</th> <th>Assessor Remarks</th> </tr> </thead> <tbody> <tr> <td>Coupling</td> <td>No</td> <td></td> <td></td> <td>Yes</td> <td>Product manufactured can be confirmed by the latitude and longitude, and organization may continue the same.</td> </tr> </tbody> </table>	Product Name	Whether Exported	Product Photo	Product Description Photo	Conformance	Assessor Remarks	Coupling	No			Yes	Product manufactured can be confirmed by the latitude and longitude, and organization may continue the same.
		Product Name	Whether Exported	Product Photo	Product Description Photo	Conformance	Assessor Remarks							
Coupling	No			Yes	Product manufactured can be confirmed by the latitude and longitude, and organization may continue the same.									
3	Key Domestic Customers	Balaji Fire, Indian Trader												
4	Key International Customers													
5	Whether Raw Material is Imported?	No												
	Raw Materials	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #008080; color: white;"> <th>Raw Material Name</th> <th>% of Raw Material Imported</th> <th>Name of Country</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Raw Material Name	% of Raw Material Imported	Name of Country									
Raw Material Name	% of Raw Material Imported	Name of Country												
6	Processed Outsourced, if any?	Nil												
7	Energy Source(s) Used	Electricity												

ASSESSMENT FINDINGS

To ensure transparency in the assessment process, the entire process (documents, photographs, comments etc.) is captured on a secured ZED server. No physical document (as evidence) has been sought. The data/evidence captured is not shared externally with anyone, except with the relevant stakeholders involved for award of Certification.

1. Leadership

Code	Requirement	Conformance (Yes/No)	Assessor Remark
1.1	Roles & Responsibilities at all levels are clearly defined	Yes	As per the requirements of the scheme organization should define role and responsibilities across the organization.
1.2	Regulatory compliances are reviewed periodically	Yes	As per the requirements of the scheme organization should review statutory, legal, quality, environment and safety requirements applicable to the organization.

2. Swachh Workplace

Code	Requirement	Conformance (Yes/No)	Assessor Remark
2.1	Processes for cleaning & hygiene are in place addressing the nature of product, processes, customer & regulatory requirements	Yes	Please ensure SOPs for cleaning & hygiene in place addressing the nature of products, processes, customer & regulatory requirements.
2.2	All equipment, tools, work spaces & areas are maintained clean, uncluttered & organized as defined & required	Yes	Verified Photos of Working Area, Toilet, RM & FG with latitude and longitude.

3. Occupational (Workplace) Safety

Code	Requirement	Conformance (Yes/No)	Assessor Remark
3.1	Safety risks are identified and measures are taken to eliminate or minimise them	Yes	1. As there is No Verifiable ISO Certificate so organization will be assessed for occupational health and safety requirement. 2. The organization need to identify hazard/risk (FIRE, PHYSICAL, HEALTH RELATED, SLIP/TRIPS, Psychological or any other) related to product and processes (critical, non-critical). 3. Organization must establish APPROPRIATELY MEASURE TO ELIMINATE/REDUCE risk associated by arranging appropriately and adequately FIRE EXTINGUISHER, SAND BUCKET, SAFETY GEARS, GLOVES, SIGN BOARD, FIRST AID,

			HYDRANTS for the same.
3.2	Relevant PPEs are used by the employees	Yes	Verified Pictures of Fire Extinguishers with Pressure Gauge Indicating "Green". Employee wearing PPE, Safety Posters Displayed. Verified Training Record, with latitude and longitude.
3.3	Safety trainings are imparted to all relevant people	Yes	Safety training is verified.

4. Measurement of Timely Delivery

Code	Requirement	Conformance (Yes/No)	Assessor Remark
4.1	Mechanism to record deliveries is in place	Yes	As per the requirement of the scheme organization must identify to record timely delivery based on process from preproduction to post production activities, right product, right quantity, right customer, agreed place of delivery.
4.2	Adherence to process delivery contracts is measured	Yes	Verified record of process delivery contracts including ORDER, CUSTOMER, DELIVERY and DISPATCH.

5. Quality Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
5.1	Quality requirements for products and processes are established and monitored	Yes	1. As per the requirement of the scheme organization must identify quality requirement of the product (reliability, consistency, durability, availability, customer experience, feel, performance of the product, maintainability, material/ingredients etc.) and process requirement for all critical and non-critical process. 2. The same must be reviewed and monitored (in process quality control such as inspection or raw material quality, inspection during each stages, final inspection) by competent authorities for achieving quality objectives as per the plan.
5.2	Training is imparted to all relevant people	Yes	Training related to quality identified and it was conducted on 13.12.2023.

WAY FORWARD

Quality improvement models vary in approach and methods; however, a basic underlying principle is that quality improvement is a continuous activity and not a one-time thing. As you implement changes, there will always be concerns to address and challenges to manage. The ZED Model strives to assist you in moving incrementally towards your improvement goals. Today's global business environment calls for organizations to develop, implement and maintain effective quality management systems. While the objectives of quality improvement are clear, the roadmap to reaching a superior quality operation, though more difficult and complex, is achievable when practiced.

Compared to large companies, MSMEs actually have a significant advantage in implementing environmental friendly practices. The small scale of operations makes it flexible to adapt with constantly changing regulation or environmental requirements. Environmental sustainability is a major focus in today's business world. Companies across all sectors explicitly state environmental concerns as being part of their management agenda. Businesses are striving to be more responsible towards the environment, whether by reducing their operational impact, by working towards a sustainable environment or by taking preventive measures. It is hence imperative that MSMEs realize the significant advantages of inculcating quality practices in their processes and adopting environment-friendly initiatives. We encourage you to adopt such measures and are confident that you will understand and prioritize your business needs by helping identify any deficiencies or shortcomings that need to be overcome, thereby performing better on the ZED parameters.

We urge you to leverage the competence of ZED trained consultants who will share their expertise and knowledge to help your business attain goals and solve problems. These trained professionals will view the situation from a fresh perspective and can act as a catalyst for change. A Consulting Organization will be allocated to you after a due process after you have achieved a minimum Bronze rating and you will also be eligible for financial support if you opt for this component. After the handholding process is complete, you have an option to apply for a higher Certification Level (if applicable) if you are confident that your processes have considerably improved.

You will also be eligible to avail various other benefits and incentives after achieving a Certification Level. Please log-on to the ZED Portal to know more.

Finally, we urge you to explore participating in various schemes offered by the Government, for example schemes related to Technology Upgradation, Lean Manufacturing, Intellectual Property Rights, etc., which are aimed at encouraging, enhancing and handholding the MSMEs resulting in improved quality, enhanced productivity & higher profitability of the enterprises and making them adopt environment friendly technologies. To know more about the Ministry of MSME Schemes, please visit: <http://msme.gov.in>.

All the best!

The quality movement in product manufacturing and delivery of service has undergone change from its initial emphasis on quality through inspection, to the present-day emphasis on quality through the development of robust processes capable of performing consistently in developing products and services that meet and exceed user needs and expectations.

Drury, Eklund: 1997

