



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



MSME Sustainable (ZED) Certification Scheme

ASSESSMENT REPORT

JAYNA STEEL INDIA

SONIPAT, HARYANA

Latitude: 28.8859435

Longitude: 77.0864129

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.

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This disclaimer governs the use of this report. By using this report, you accept this disclaimer in full.

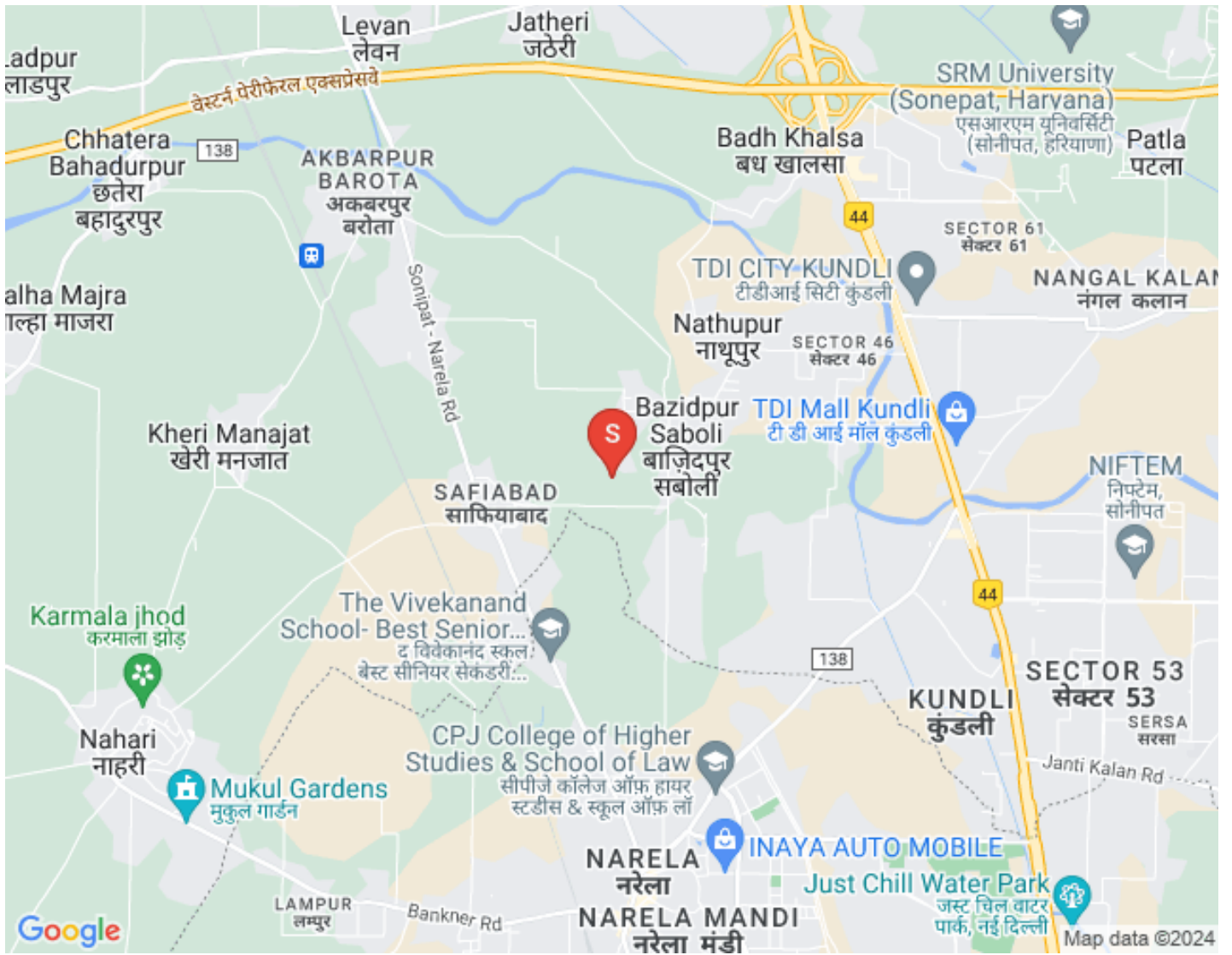
- a. This is an electronically generated report/transcript. It does not require any signature.
- b. The Certification is voluntary and the report provided pertains to the systems and processes of this unit only.
- c. This report is for the purpose of summarizing the outcomes of the assessment process 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

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- 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	JAYNA STEEL INDIA
Udyam Registration Number	UDYAM-HR-18-0001963
Enterprise Type	Small
NIC Sector (2 Digit)	25-Manufacture of fabricated metal products, except machinery and equipment
Unit Address	Flat No:- KILA NO 44//18/1/2/1, Building:- VILLAGE WAZIDPUR SABOLI, Road/Street:- VILLAGE WAZIDPUR SABOLI, Village/Town:- VILLAGE WAZIDPUR SABOLI, Block:- VILLAGE WAZIDPUR SABOLI, City:- SONIPAT SONIPAT HARYANA-131029
Certification Date	June 6, 2024



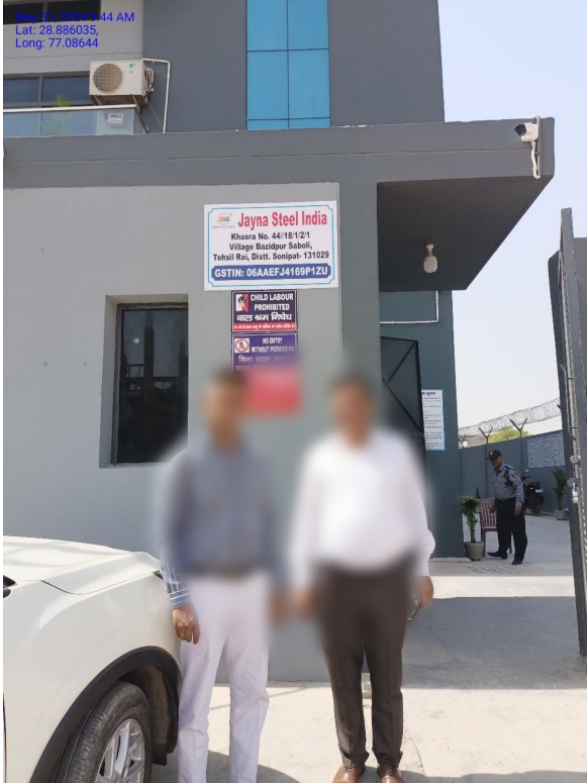
ZED CERTIFICATION LEVEL

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



Site Exterior Picture

S.No	Fields	Input												
1	Whether 3rd Party Financial Audits are conducted?	No												
2	Product manufactured	<table border="1"> <thead> <tr> <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>Snacks Bowls</td> <td>Yes</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Product Name	Whether Exported	Product Photo	Product Description Photo	Conformance	Assessor Remarks	Snacks Bowls	Yes				
Product Name	Whether Exported	Product Photo	Product Description Photo	Conformance	Assessor Remarks									
Snacks Bowls	Yes													
3	Key Domestic Customers	Radio Group												
4	Key International Customers	QF Eng LLC, LLC												
5	Whether Raw Material is Imported?	Yes												
	Raw Materials	<table border="1"> <thead> <tr> <th>Raw Material Name</th> <th>% of Raw Material Imported</th> <th>Name of Country</th> </tr> </thead> <tbody> </tbody> </table>	Raw Material Name	% of Raw Material Imported	Name of Country									
Raw Material Name	% of Raw Material Imported	Name of Country												

		SS COIL	30	China
		SS Circle	15	China
6	Processed Outsourced, if any?	No		
7	Energy Source(s) Used	Electricity, Diesel		

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 & documented	Yes	Roles & responsibilities at all levels are clearly defined.
1.2	Organogram is established	Yes	Organogram is established.
1.3	Organisational Performance including regulatory compliances, quality, product & occupational safety and environmental performance is reviewed regularly for compliance	Yes	Organisation performance including regulatory compliance, quality, product & occupational safety and environmental performance is reviewed regularly for compliance and meeting the set

	and meeting the set objectives		objectives.
Opportunities for Improvement		All Performance including regulatory compliances, quality, product & occupational safety and environmental performance review frequency should be conduct on quarterly basis.	

2. Swachh Workplace

Code	Requirement	Conformance (Yes/No)	Assessor Remark
2.1	SOPs for cleaning & hygiene in place addressing the nature of products, processes, customer & regulatory requirements	Yes	SOP for cleaning and hygiene is in place addressing the nature of product, process, customer and regulatory requirements.
2.2	All equipment, tools, work spaces & areas are maintained clean, uncluttered & organized as per the SOPs & requirements	Yes	All equipment and tools, work spaces & areas are maintained and clean.
2.3	Cleanliness & hygiene is propagated & emphasized across the supply chain	Yes	Cleanliness & hygiene is propagated and emphasized across the supply chain.
2.4	Mechanism for periodic audit for cleaning, hygiene & cleaning validation (where applicable) is in place	Yes	Mechanisms for periodic audit for cleaning, hygiene are in place.
2.5	The audit results are reviewed periodically	Yes	The audit results are reviewed periodically by the senior management in place.

Opportunities for Improvement

SOP's and work instructions should be more detailed and check sheet should be revised with all points of Cleanliness & hygiene in all sections of organization.

3. Occupational (Workplace) Safety Exempted from Assessment

Code	Requirement	Conformance (Yes/No)	Assessor Remark
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4. Measurement of Timely Delivery

Code	Requirement	Conformance (Yes/No)	Assessor Remark
4.1	Adherence to process delivery contracts is measured and monitored	Yes	Adherence to process delivery contracts is measured and monitored.
4.2	Mechanism to periodically review the delivery performance by the Senior management, is in place	Yes	Mechanisms to periodically review the delivery performance by the senior management is in place.
Opportunities for Improvement		Review mechanism should strengthen with real time monitoring software like ERP.	

5. Quality Management Exempted from Assessment

Code	Requirement	Conformance (Yes/No)	Assessor Remark
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6. Human Resource Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
6.1	HR Processes are defined	Yes	HR processes are defined.

6.2	People development plans including induction training, on-going coaching & feedback are in place for all employees	Yes	People's development plans are in place.
6.3	Detailed technical skill mapping in place extending to soft skills, environmental, safety and energy conservation areas backed with training and coaching for deploying people for different tasks	Yes	Detailed technical skills mapping is in place.
6.4	Review mechanism of people development plans/initiatives exists	Yes	Review mechanisms of people's development plans are in place.
Opportunities for Improvement		Training program should be plan according Like PF, ESI, handling of hazardous waste, Benefits of Kaizen Scheme, awareness of suggestion scheme and on job training.	

7. Daily Works Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
7.1	Process to set & review targets for Quality, Cost & Delivery (QCD) is in place	Yes	Process to set and review targets for QCD is in place.
7.2	Daily targets on QCD are suitably displayed and all relevant employees are aware	Yes	Daily targets for QCD are suitably displayed and all relevant people are aware on QCD.
7.3	Status & trends on QCD	Yes	Status and trends on QCD

	are displayed and shared		are displayed and shared.
7.4	Root Cause Analysis (RCA), Corrective and Preventive Action (CAPA) processes are in place	Yes	RCA and CAPA processes are in place.
7.5	Mechanism to review the effectiveness of Daily Works Management is in place	Yes	Mechanisms to review the effectiveness of daily works management is in place.
Opportunities for Improvement		Daily work management training should provide to all concern persons to enhance the effectiveness of the system.	

8. Planned Maintenance & Calibration

Code	Requirement	Conformance (Yes/No)	Assessor Remark
8.1	Preventive Maintenance and calibration plan, as applicable, is in place for all machines/ equipment /devices	Yes	Preventive maintenance and calibration plan is in place.
8.2	Maintenance and calibration, as applicable are carried out periodically, as per the plan	Yes	Maintenance and calibration are carried out periodically as per the plan.
8.3	Root Cause Analysis (RCA), Corrective and Preventive Action (CAPA) processes are in place	Yes	RCA and CAPA processes are in place.
8.4	Trends of Mean Time To Repair (MTTR) & Mean Time Between Failure (MTBF) are reviewed	Yes	Trends of MTTR and MTBF are in place and reviewed by management.

Opportunities for Improvement	Preventive maintenance checksheet should be review and revised with more detailed and deep analysis to reduce the breakdown hours and other utilities also incorporate in preventive Maintenance plan. MSME should search the NABL approved Agency for Calibration of the Equipment for more reliable and accuracy of Equipment.
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9. Process Control

Code	Requirement	Conformance (Yes/No)	Assessor Remark
9.1	All processes are proactively planned considering the process control requirements based on product, process, customer, organizational & legal requirements	Yes	All processes are proactively planned considering the process control, requirements based on product, process, customer etc are in place.
9.2	SOPs for control of all critical and non-critical processes are established	Yes	SOP for control of all critical and non-critical Processes are established.
9.3	Monitoring of all critical processes is in place	Yes	Monitoring of all critical processes are in place.
9.4	Root Cause Analysis (RCA), Corrective and Preventive Action (CAPA) processes are in place along with periodic review	Yes	RCA and CAPA processes are in place. SOP for RCA and CAPA processes are physically checked and available in the unit. CAPA report attached as evidence.
Opportunities for Improvement		Critical process control should be strengthened by addressing the process and legal requirements with review mechanism.	

10. Product Quality & Safety (Testing / Certification)

Code	Requirement	Conformance (Yes/No)	Assessor Remark
10.1	All relevant product quality and safety requirements are identified	Yes	All relevant product quality and safety requirements are identified.
10.2	The relevant product quality and safety requirements are fulfilled through requisite testing/ certification, as applicable	Yes	The relevant product quality and safety requirements are fulfilled through requisite testing/ certification as applicable.
10.3	Root Cause Analysis (RCA), Corrective and Preventive Action (CAPA) processes are in place	Yes	RCA and CAPA processes are in place. SOP available at the unit. CAPA report attached as evidence.
10.4	Mechanism of review of product quality & safety by Senior management is in place	Yes	Mechanisms of review of product quality and safety by senior management is in place.
Opportunities for Improvement		Product quality and safety requirement and importance should be communicate at all levels of the organisation.	

11. Material Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
	Material management planning is based on the production requirement, nature of materials, storage	Yes	Material management planning is based on the production requirements, nature of materials, storage conditions etc. are

11.1	conditions/requirements and to reduce environmental impact and addresses safety aspects		in place.
11.2	Optimal inventory is maintained	No	Evidence is not available.
11.3	Inventory control mechanism is in place	Yes	Inventory control mechanism is in place.
11.4	SOPs/processes are established for ensuring timely availability of materials and suitable handling & management of the materials to reduce contamination, damages, losses, unintended hazards etc.	Yes	Processes are established for ensuring timely availability of materials and suitable handling and management of the material to reduce contamination damages, losses etc.
11.5	Root Cause Analysis (RCA), Corrective and Preventive Action (CAPA) processes are in place	Yes	RCA and CAPA processes are in place.
11.6	Mechanism to periodically review the effectiveness of Material Management Systems is in place	Yes	Mechanisms to periodically review the effectiveness of materials management systems are in place.
Opportunities for Improvement		To reduce the wastes like dead inventory and over inventory of the material planning should be strengthen by providing the training and review the same. System like ERP should introduce for better management.	

12. Energy Management



Code	Requirement	Conformance (Yes/No)	Assessor Remark
12.1	All energy sources are identified & targets are set for energy efficiency & conservation	Yes	All energy sources are identified and targets are set for energy efficiency and conservation.
12.2	Energy consumption is measured & recorded, timely corrective and preventive actions are taken when deviations are noted	Yes	Energy consumption is measured and recorded timely.
12.3	Employees are trained in energy management	Yes	As discussed with the msme employees they have the basic knowledge about energy management system. Training provided by msme to employees on energy management.
12.4	Periodic energy audits are in place	No	Evidence is not available
12.5	Root Cause Analysis (RCA), Corrective and Preventive Actions (CAPA) processes are in place	Yes	RCA and CAPA processes are in place. SOP for Rca and CAPA physically verified. CAPA report attached as evidence.
Opportunities for Improvement		Sources of natural light should be identified. Sensors can be install to optimized the energy use. MSME have the sufficient space on the building roof so MSME can installed the Solar system for reducing the electricity bill, Pollution, waste. MSME using the Diesel operated Generator. MSME can implement the PNG operated Generator set.	

13. Environment Management

Exempted from Assessment

Code	Requirement	Conformance (Yes/No)	Assessor Remark
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14. Measurement & Analysis

Code	Requirement	Conformance (Yes/No)	Assessor Remark
14.1	<p>Processes to establish targets, measure & periodically review the following by the Senior management, are in place:</p> <ul style="list-style-type: none"> • Defects • Rework • Rejection • Cost of Poor Quality (COPQ) • Customer Satisfaction 	Yes	Processes to establish targets, measure,& periodically review on the Defects, rework, cost of poor quality, customer satisfaction etc. are in place.
14.2	Root Cause Analysis (RCA), Corrective Action and Preventive Action (CAPA) processes are in place	Yes	RCA and CAPA processes are in place. SOP for Rca and CAPA are available at the unit. CAPA report attached as evidence.
Opportunities for Improvement		Defect visualisation should be strenghten on shop floor.	

15. Supply Chain Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
15.1	Formal processes are in place for selection, evaluation & development of the vendors/suppliers and other stakeholders	Yes	Formal processes are in place for selection, evaluation and development of the supplier, stakeholders involved in the supply

	involved in the supply chain		chain.
15.2	Energy, environment and natural resource management is propagated & emphasized across the supply chain	Yes	Energy environment and natural resources management is propagated & emphasized across the supply chain.
15.3	Mechanism to monitor and periodically review performance of the supply chain is in place for continual improvement	Yes	Mechanisms to monitor and periodically review the performance of the supply chain is in place.
Opportunities for Improvement		Supplier appreciation should be introduced to motivate to implement the Energy, environment and natural resource management. MSME should search out the more vendor for Raw material supply.	

16. Risk Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
16.1	The organization has a comprehensive Risk Management Plan based on identification of all types of risks	Yes	The organization has a comprehensive risks management plan based on identification of all types of risks.
16.2	Risk assessment & mitigation measures are in place for all the identified risks	Yes	Risks assessment and mitigation measures are in place for all the identified risks.
16.3	Risk assessment plan & mitigation measures are reviewed periodically by	Yes	Risks assessment plan and mitigation measures are reviewed periodically by

	the Senior management		the senior management.
Opportunities for Improvement		Risk assessment and backup plan should review at micro level and revised and communicate the same.	

17. Waste Management (Muda, Mura, Muri)

Code	Requirement	Conformance (Yes/No)	Assessor Remark
17.1	Waste reduction plan to address Muda (7 wastes), Mura & Muri across the organisation is in place	Yes	Waste reduction plan to address Muda, Mura and Muri across the organisation is in place.
17.2	Targets are established for the reduction of the identified wastes	Yes	Target are established for the reduction of the identified wastes
17.3	Employees are trained on Muda, Muri & Mura	Yes	As discussed with the msme employees they have the basic knowledge on waste management systems on Muda, Muri, Mura.
17.4	Mechanism of monitoring, measurement and periodic review to understand trends and ensure continual reduction in waste is in place	No	Evidence is not available.
Opportunities for Improvement		MSME should provide the trolley with big wheel for shifting the heavy Boxes for reducing the material shifting time.	

18. Technology Selection & Upgradation

Code	Requirement	Conformance (Yes/No)	Assessor Remark
18.1	Technology selection & upgradation is planned and reviewed proactively considering product, customer, market, regulatory & environmental requirements	Yes	Technology selection and upgradation is planned and reviewed proactively considering product, customer, market and regulatory requirements etc.
18.2	Relevant advances like digitalization, sensors, IoT, smart machines etc. are considered while planning for selection of technology or upgradation	Yes	Relevant advances like digitalization, sensors, IoT, smart machine etc. are considered while planning for selection of technology or upgradation.
Opportunities for Improvement		MSME presently have the Electric motor operated press machine. MSME can use the pneumatic system for operating the machine with modification of the machine.	

19. Natural Resource Conservation

Code	Requirement	Conformance (Yes/No)	Assessor Remark
19.1	System is in place for continuous review and management of natural resources including raw materials and processes to reduce/eliminate use of non-renewable resources and maximise use of renewable resources	Yes	System is in place for continuous review and management of natural resources including raw material and processes to reduce, eliminate use of non renewable resources and maximize use of renewable resources.
19.2	Targets are established for natural resource conservation	Yes	Targets are established for natural resources conservation.

19.3	Employees are trained on natural resource conservation	Yes	As discussed with the MSME employees they have the basic knowledge about natural resources conservation systems.
19.4	Mechanism to periodically review the natural resource conservation targets and progress is in place	Yes	Mechanisms to periodically review the natural resources conservation targets and progress is in place.
Opportunities for Improvement		Leakage of water should be from tap, tanks and pipelines should be identified and repaired and regular review mechanism should be implement. MSME used the diesel operated Genset, MSME can changed it in PNG operated genset. MSME can search out the natural light source. MSME can implement the RWH system in the Industry.	

20. Corporate Social Responsibility

Code	Requirement	Conformance (Yes/No)	Assessor Remark
20.1	Policy on Corporate Social Responsibility is in place	Yes	CSR policy is in place.
20.2	<p>Corporate Social Responsibility Practices are clearly defined with action plans including but not limited to:</p> <ul style="list-style-type: none"> • Organisational Governance • Labour Practices • Environment • Fair Operating 	Yes	CSR practices are clearly defined with action plans.

	Practices • Community Involvement & Development		
20.3	Mechanism to periodically review the Corporate Social Responsibility Practices by Senior Management is in place	Yes	Mechanisms to review the CSR practices by senior management is in place.
Opportunities for Improvement		Organization should be take initiative for company worker regular medical checkup. MSME can provide the books to needed.	

Non Conformance 1

11. Material Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
11.2	Optimal inventory is maintained	Yes	Optimal inventory is maintained

12. Energy Management

Code	Requirement	Conformance (Yes/No)	Assessor Remark
12.4	Periodic energy audits are in place	Yes	Periodic energy audits are in place.

17. Waste Management (Muda, Mura, Muri)

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Code	Requirement	Conformance (Yes/No)	Assessor Remark
17.4	Mechanism of monitoring, measurement and periodic review to understand trends and ensure continual reduction in waste is in place	Yes	Mechanism of monitoring, measurement and periodic review to understand trends and ensure continual reduction in waste is in place.

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

ZEDMSME218375/ASSESSMENT REPORT

