

Zero defect Zero Effect (ZED) Certification



What is ZED Certification?

The Zero Defect Zero Effect scheme is operated by the Quality Council of India and aims to create an effective ecosystem for competitive, quality & clean manufacturing which would in-turn help promote development of world class made in India products by MSME's.

The vision of ZED is to enable the advancement of our Indian industry to a position of reputation in the global marketplace and leverage India's emergence as the world's supplier through the Made in India mark. The ZED is an integrated and comprehensive certification system that will account for productivity, quality, pollution mitigation, energy efficiency, financial status, human resource and technological depth including design and IPR in both products and processes.

- In ZED Certification the Zero Defect concept focuses on
 - Customer
 - Zero non-conformance or non-compliance
 - Zero waste
- The Zero Effect concept focuses on
 - Zero air pollution, liquid discharge , solid waste
 - Zero wastage of natural resources

For the certification every Zed rated MSMEs will be assessed & rated on defined enabler & outcome parameters on operational level indicators and organisational level indicators at the operational level. Based on the assessment, the Zed MSME will be ranked as Bronze-Silver-Gold-Diamond-Platinum enterprises. The rating provided will be valid for four years.

The surveillance audit will be carried out by QCI. The ratings provided in the maturity model are:

- If the MSME's score is above 2.2 and up to 2.5, then the rating is Bronze
- If the MSME's score is above 2.5 and up to 3.0, then the rating is Silver
- If the MSME's score is above 3.0 and up to 3.5, then the rating is Gold
- If the MSME's score is above 3.5 and up to 4.0, then the rating is Diamond
- If the MSME's score is above 4.0 and up to 5.0, then the rating is Platinum
- In case an MSME scores 2.2 or lower, then No Rating is provided.

What are the focus points of ZED Certification?

- The ZED Certification scheme envisages promotion of Zero Defect Zero Effect (ZED) manufacturing amongst MSMEs and ZED Assessment for the certification with the following focus points
 - Promote the adaptation of quality tools and energy efficient manufacturing
 - Industry awareness programs, Workshops
 - MIS (Online systems including e-platform for assessment and e-content for awareness & training).
 - Develop an ecosystem for zero defect Manufacturing in the ZED MSMEs
 - Encourage MSMEs to upgrade their quality standards in products and processes constantly
 - Drive manufacturing with the adoption of Zero defect production processes and without impacting the environment
 - Develop the professionals in the area of ZED manufacturing and certification.

What are the document requirements for ZED Certification?

- Quality System Documentation
- Process Control & Documents
- Performance Measurement Records
- Standard Operating Procedures & Work Instructions
- Visual Management Implementation
- Health & Safety Related Requirements
- Legal & Environmental Compliance
- Human Resources Competence & Upgradation
- Operational System Improvements.

Which Organization are eligible for ZED Certification?

All MSMEs registered under MSMED Act, 2006 as amended from time to time and also to MSMEs which are included as per executive orders issued by AS&DC(MSME) consistent with MSME Act from time to time.

How will ZED Certification benefit your Organization?

- Improved processes leading to profitable revenues
- Credible & reliable vendor recognition in the market
- Aligning with best practices
- Good interest rates and concession on loans
- High performing ZED certificate holders will be recognized nationally by Ministry of MSME & QCI through award and reward system which will help to showcase themselves globally
- Global competitiveness
- Market visibility & brand recognition

What does the term "zero defect zero effect" mean?

- By zero defects, one implies that the product quality must be extremely good, and by zero effect, one means that manufacturing should have no negative impact on the environment.

What is the validity period for zed certification?

- After assessment the validity period is 4 years.

What is the Objective of ZED Certification?

- The major goal is to create a Zero Defect manufacturing ecosystem in MSMEs. To encourage MSMEs to improve the quality of their products and processes on a regular basis. To drive manufacturing through the adoption of Zero Defect production procedures while minimising environmental effect. It also supports the "Make in India" programme.

What Is Zed Rated Msme?

The rating provided will be valid for a period of 4 years. Surveillance audit will be carried out by the Quality Council of India.

ZED ratings provided in the maturity model are based on the MSME's score:

Score	Rating
• 2.2 - 2.5	Bronze
• 2.5 – 3.0	Silver
• 3.0 – 3.5	Gold
• 3.5 – 4.0	Diamond
• 4.0 – 4.5	Platinum

What are zero defects with respect to quality management?

The zero defects principle ensures that a project is free of waste. As well as all unproductive procedures, tools, people, and so on are referred to as waste. The concept of “doing it properly the first time” is common in the zero defects theory to avoid costly and time-consuming corrections later in the project management process.

How PQSmitra help you with Hassle Free Implementation Process for ZED Certification?

The effective system implementation in the operational processes as per the ZED Certificate needs is the prime focus of PQSmitra. The value adding approach by PQSmitra Team has supported hundreds of clients to achieve ZED certification without any difficulty. The implementation process is described below:

- Initial visit and Helping in Company Registration on ZED registration portal
- Review of the existing system with respect to ZED Questionnaires
- Gap analysis and planning for compliance
- Documentation including procedures, work instructions, etc.
- Submission of Documentations as per Questionnaires
- Assessment Rating
- Rewarding the certificate to the organization.



PQSmitraService Features appreciated by clients



Simple &
Practical Approach



21 Years of
Service



2500+
Successful Projects



5,56,000+
Consulting Hours

PQSmitra

Simple & Practical

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