



National Productivity Council

**Training Programme on
“Effective Spare Parts Management”**

PROGRAMME CODE: TP/22- 23/19

25 -27 July 2022

@ NPC, Chennai



1. ABOUT NPC

National Productivity Council (NPC) is an autonomous organization under the Department of Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India. The present expertise available in NPC has a resource base of professionals from fields such as Economics, Industrial Engineering, Human Resource Management, Energy, Environment, IT, Project Monitoring and Evaluation, Research Studies and Baseline Surveys. In addition, services of external professionals and subject matter specialists are also sought on need basis, depending upon the nature and scope of work. NPC extends services from its headquarter at New Delhi and 12 regional offices across the country manned by more than 100 full time professionals. NPC has professionals from diverse fields to provide Consultancy, Capacity Building and Project Monitoring Unit (PMU) services to various organisations including Central Government Ministries and State Governments.

2. PROGRAMME THEME

The role of effective Spares Management cannot be over-emphasised in minimising the downtime of equipment and in optimising the equipment availability. The importance of spare parts management in a developing country like India can be realised from the fact that as much as Rs. 15000 crore is locked up in spare parts inventory and Rs. 2500 crore is tied up in obsolete and surplus spares. The spare parts constitute the bulk of maintenance expenses and are about 45% to 60% of the total maintenance expenses in many cases and as high as 70% in process industries. The management of spare parts has to have a total systems approach and should be aimed at achieving the ultimate objective, i.e. maximum availability of plant and machinery with no/minimum stockout situation of spare parts, at the least cost. In this context, proper Spare Parts Management system using the latest technological tools available particularly with the recent advances in information technology (IT) tools such as Computer Networking, Bar Coding, ERP etc. gains significance.

In this era of Zero Inventory, Just-in-time and other concepts, which have gained acceptance, it is imperative for the modern materials manager to be fully aware of the concepts of spare parts management and the scientific methods to arrive at the optimum quantity of spares required in his/ her plant. This programme is intended to deliberate on the various issues involved in the subject and assist the participants to evolve an implementation strategy suited to their own situations.

3. LEARNING OBJECTIVES

This training program prepares participants to:

- Reduce the maintenance planner's workload by up to 50%
- Reduce inventory-replenishment purchase orders by up to 50%
- Reduce manually prepared direct purchase requisitions by up to 80%
- Reduce maintenance storeroom inventories by 30%, while increasing the reliability.
- Provide new measures for improving plant reliability

4. PROGRAMME COVERAGE

The following topics shall be covered during the training

- Spare Parts Management in Indian Industry - Problems and Perspectives.
- Classification and Codification of Spares.
- Inventory Control Models.
- Provisioning for regularly used spares.
- Provisioning for irregularly used spares.
- Control of Insurance Spares.
- Vendor Analysis (using TOPSIS).
- Standardization of Spares.
- Value Engineering.
- Reclamation of Spares.
- JIT Application to Spares.
- Techniques for controlling consumption of spare parts.
 - ✓ Failure Analysis.
 - ✓ Improving Reliability and Maintainability of Equipment.
 - ✓ Total Productive Maintenance.
- Effect of Condition Monitoring on planning of Spare Parts.
- Computer application in Spare Parts Management.
- Disposal of obsolete / Non-moving spares.
- Case Studies.

5. METHODOLOGY

Methodology of the training program would be participative in nature. The sessions would be based on conceptual deliberations, case studies, group exercises/discussions and experience sharing among participants.

6. PARTICIPANTS' PROFILE

This programme would be very useful to Engineers and Managers from Stores, Maintenance, Engineering Services, Materials, Industrial Engineering, Operations / Production, executives from Finance, Purchase and other related departments from Industry and Service Sectors.

7. FACULTY

The faculty for the training programme will comprise of senior NPC Experts & other experienced practitioners and trainers from industry and renowned institutions.

8. PROGRAMME FEE & VENUE

Programme Code	TP/22- 23/19
Program Venue	National Productivity Council, Dr. Ambedkar Institute of Productivity, 6, Aavin Dairy Road, Ambattur Industrial Estate (North), Ambattur, Chennai – 600 050.
Programme Fee	₹ 18300 + 18% GST The programme is Non- Residential .
Accommodation Charges	Accommodation can be provided (subject to availability) in a single A/c room in AIP at the rate of Rs.1500/- (Rupees One Thousand Five Hundred only) per day per participant (which includes room rent, breakfast and dinner) plus GST @ 12%, payable to Government of India.

9. PAYMENT DETAILS

Programme fee inclusive of GST to be paid in advance and proof of payment to be attached along with application form.

- **ECS Payment Details:** Indian Overseas Bank, 70, Golf Link, New Delhi Branch; A/c No. 026501000009207, IFSC Code. IOBA0000265
- DD/Cheque should be drawn in the name of NATIONAL PRODUCTIVITY COUNCIL payable at NEW DELHI
- NPC'S PAN No: AAATN0402F, NPC'S GSTIN: 07AAATN0402F1Z8

As per GOI notification No. 9/2017-Integrated Tax (Rate) dated 28.06.17, Sr. No. 75, Heading 9992 (at page no. 19 of the notification) No GST is applicable where Services provided to the Central Government, State Government, UT Administration under any training programme for which total expenditure is borne by the Central Government, State Government, UT Administration.

- **NPC shall offer 10% discount on programme fee to organizations sponsoring 3-5 participants and 15% discount of programme fee to organizations sponsoring more than 5 participants.**

10. HOW TO APPLY

- Please apply in prescribed application format enclosed with this brochure. Nominations may be sent to the following address:

**The Training Coordinator
National Productivity Council
5-6 Institutional Area
Lodhi Road
New Delhi – 110003
Email Id: npctraining@npcindia.gov.in
Tel: 011-24607319**

- **Last date for Receiving of nominations: 15th July 2022.**

11. GENERAL INSTRUCTIONS

- ❖ Due to limited number of seats, it is recommended to send the nominations as per attached format at the earliest, for ensuring the availability. Acceptance of the nominations is subject to the seat availability and receipt of programme fee latest by the last date for nominations.
- ❖ The Residential programme fee covers the professional fees towards training, board & lodge of the Participant(s). The fee once deposited is non-refundable, however, substitutions are allowed.
- ❖ Each participant should carry their ID cards and necessary letters / orders issued by their department for attending the training program.
- ❖ The Non Residential programme fee covers the professional fee towards training, lunch and refreshments during the training program. The fee once deposited is non-refundable, however, substitutions are allowed.

- ❖ NPC shall not bear any charges towards participants' to & fro travel from their residence / place of stay and the training program venue. All participants shall make their own arrangement to reach the venue on time as per the programme schedule.
- ❖ Participants are requested to assure their health and safety during the training period and NPC will not be liable for medical expenses incurred by the participants during the program.
- ❖ NPC will not provide boarding and lodging before and after the dates of programme. Participants planning to stay longer than the scheduled duration should arrange the same at their own cost.
- ❖ **Settlement of additional bills:** The hotel will be instructed to open separate folio for each participant. Participants may directly settle their additional dues regarding family member, laundry, telephone, mini bar, room service, overstay etc. with the hotel before checkout.
- ❖ The participants shall be awarded Certificate of Participation on successful completion of programme.
- ❖ Any other terms and conditions apply as may be notified by NPC at any point of time.
- ❖ Referring to GST guidelines, you are requested to confirm the applicability of GST payment for your department.
- ❖ Participants are required to follow the necessary COVID protocols during training.



NATIONAL PRODUCTIVITY COUNCIL
5-6 Institutional Area, Lodhi Road, New Delhi – 110003
npctraining@npcindia.gov.in

APPLICATION FORM FOR NOMINATIONS

Title of Programme: **“Effective Spare Parts Management”**

Programme Code: **TP/22- 23/19**

Programme Duration: 3 days

Location: AIP, NPC, Chennai.

Details of Nominated Participants:

S. No	Name of Delegate	Designation	Mobile No.	Email ID	Official Address for correspondence
1					
2					
3					
4					
5					

Details of Nominating Authority:

Name:

Designation:

Organization:

Address

Contact Number:

Email ID:

Signature

Details of Proof of payment of Programme fee (*RTGS / NEFT Details; Cheque, DD*):

Payment Particulars

- **ECS Payment Details:** Indian Overseas Bank, 70, Golf Link, New Delhi Branch; A/c No. 026501000009207, IFSC Code. IOBA0000265
- In case of ECS Payment, the payment details should be intimated accordingly along with UTR number
- DD/Cheque should be drawn in the name of NATIONAL PRODUCTIVITY COUNCIL payable at NEW DELHI
- Programme Fees per Participant plus GST to be paid in advance
- PAN No: AAATN0402F, GSTIN: 07AAATN0402F1Z8

“Effective Spare Parts Management”



National Productivity Council

(Under Department for Promotion of Industry and Internal Trade)

Ministry of Commerce and Industry

Government of India

5-6, Institutional Area, Lodhi Road

New Delhi – 110003

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