

Client Testimonials

Spinning Unit, Turkey

- **Ring Frame Section: Reduced change over time from 240 mins to 108 mins using SMED, saving 132 mins.**
- **Simplex Section: Reduced change over time from 241 mins to 131 mins using SMED, saving 110 mins.**
- **Manual Packing Section: Reduced manpower from 3 to 2 using Time Motion Study, saving 1 manpower.**
- **Automatic Packing Section: Reduced manpower from 4 to 3 using Time Motion Study, saving 1 manpower**



POV SOLUTION SKILLS AND CAREER

SIVAKASI - 626124

Client Testimonials

Spinning Unit, Himachal Pradesh

- **Mixing Section:** Reduced manpower from 55 to 45 using Time Motion Study, saving 10 manpower.
- **Dying Section:** Reduced manpower from 56 to 53 using Time Motion Study, saving 3 manpower.
- **Ring Frame Section:** Reduced manual doffing time from 4.37 mins to 3.31 mins.



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Client Testimonials

Spinning, Weaving, and Dyeing Units, Erode

- 1. Tool Searching Time Reduction:** Introduced concept to reduce searching time for tools, spares, etc., saving 60% of searching time.
- 2. Vortex Machine Efficiency:** Increased efficiency by 4.5% using line balancing.
- 3. Power Savings:** Saved Rs. 3000 per day by reducing compressed air pressure from 6.7 bar to 6.5 bar.
- 4. Yarn Breakage Reduction:** Reduced yarn breakages by 25% through improved quality and PM & AM activities monitoring.
- 5. Ring Frame Machine Efficiency:** Increased efficiency by 11.7% using line balancing.
- 6. 5S Achievements:** Sustained 5S achievements in designated sections.





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BENEFITS OF 5S

1

IMPROVED EFFICIENCY & PRODUCTIVITY

- Tools and materials are organized and easy to find.
- Less time is wasted searching for things.
- Workflow becomes smoother and faster.



2

BETTER WORKPLACE SAFETY

- Clean, clutter-free workspaces reduce accidents and hazards.
- Marked areas and organized items help prevent slips, trips, and falls.

3

HIGHER QUALITY

- Standardized processes reduce errors and defects.
- A clean and organized space supports focus and attention to detail.



4

INCREASED EMPLOYEE MORALE

- A tidy, well-maintained workplace boosts pride and ownership.
- Involvement in 5S activities encourages teamwork and accountability.



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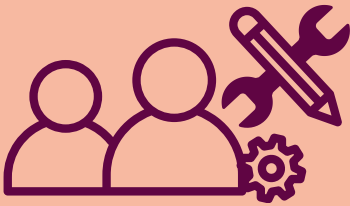


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BENEFITS OF 5S

5 LOWER COSTS

- Reduced waste (time, materials, motion).
- Lower maintenance costs due to better equipment care.



6

IMPROVED MAINTENANCE

- Problems (like leaks, wear, or damage) are noticed earlier.
- Preventive maintenance is easier to carry out in clean environments.

7

BETTER SPACE UTILIZATION

- Unused or underused items are removed.
- More space is available for value-adding activities.



8

SUPPORTS CONTINUOUS IMPROVEMENT

- 5S lays the foundation for Lean, Kaizen, and other improvement methods.
- Encourages a culture of discipline and constant refinement.



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Benefits of SMED

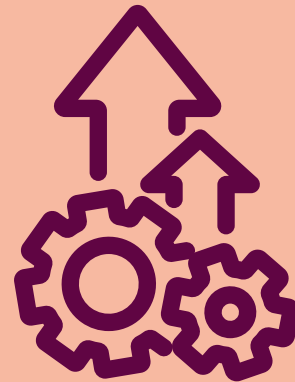


Reduced Changeover Time

- Drastically decreases the time it takes to switch from one product to another.
- Changeovers that once took hours can often be done in minutes.

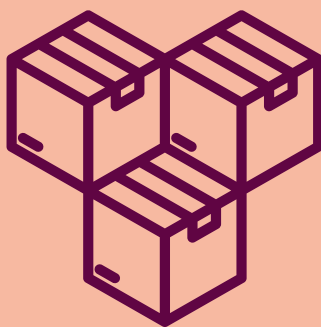
Increased Machine Uptime

- Equipment is idle for less time during changeovers.
- More time is available for actual production.



Smaller Batch Sizes Possible

- With faster changeovers, producing in smaller batches becomes practical and economical.
- This reduces inventory and improves responsiveness to customer demand.



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Benefits of SMED

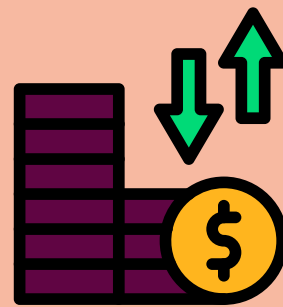


Greater Flexibility

- Easier to switch between different products or models.
- Enhances the ability to meet varying customer needs and market changes.

Lower Inventory Costs

- Reduced need to keep large stocks of finished goods or components.
- Leads to lower storage costs and less risk of obsolescence.



Improved Productivity

- More frequent and quicker changeovers lead to better machine utilization.
- Operators and machines are more productive overall.



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Benefits Of Time motion study

1.

IMPROVED PRODUCTIVITY

- Identifies and eliminates unnecessary motions and delays.
- Helps streamline tasks for faster completion.

2.

EFFICIENT WORKFLOWS

- Optimizes the sequence of operations.
- Ensures better use of resources (people, machines, space).

3.

STANDARDIZATION OF PROCESSES

- Establishes best practices and standard times for tasks.
- Ensures consistency in how work is performed.

4.

REDUCED FATIGUE FOR WORKERS

- Analyzes body movements to minimize strain and improve ergonomics.
- Leads to healthier, more sustainable work routines.

5.

ACCURATE LABOR COST ESTIMATION

- Provides precise data on how long tasks take.
- Helps in planning, costing, and setting realistic deadlines.

6.

BETTER TRAINING PROGRAMS

- With standardized methods, training new employees becomes easier and faster.
- Ensures everyone follows the most efficient procedures.

7.

ENHANCED PERFORMANCE MONITORING

- Makes it easier to measure employee or machine performance objectively.
- Helps set benchmarks and improvement goals.

8.

COST REDUCTION

- Saves time and labor costs by eliminating inefficiencies.
- Reduces waste of materials, motion, and effort.



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