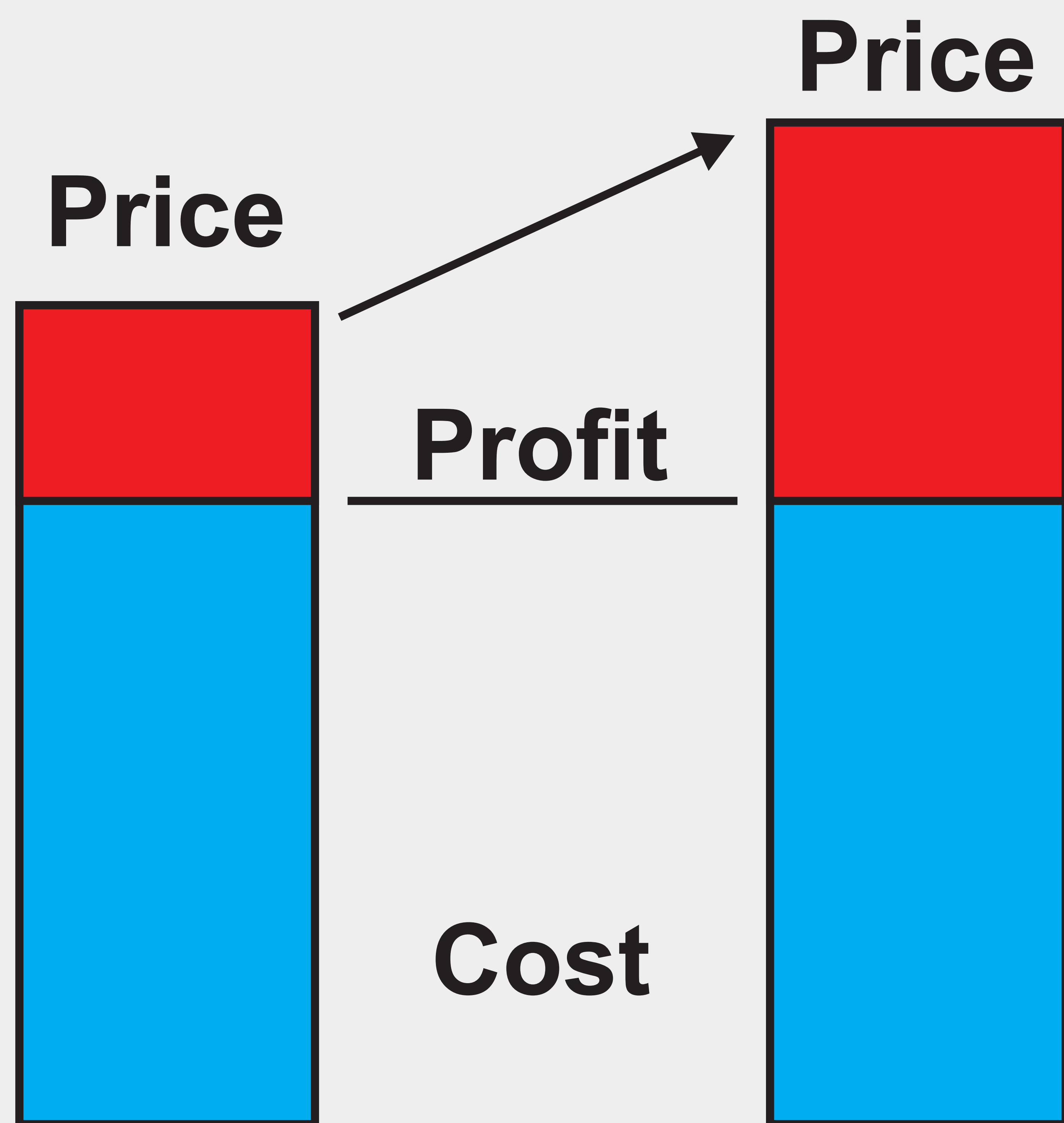




Selling Price – Cost Price = Profit

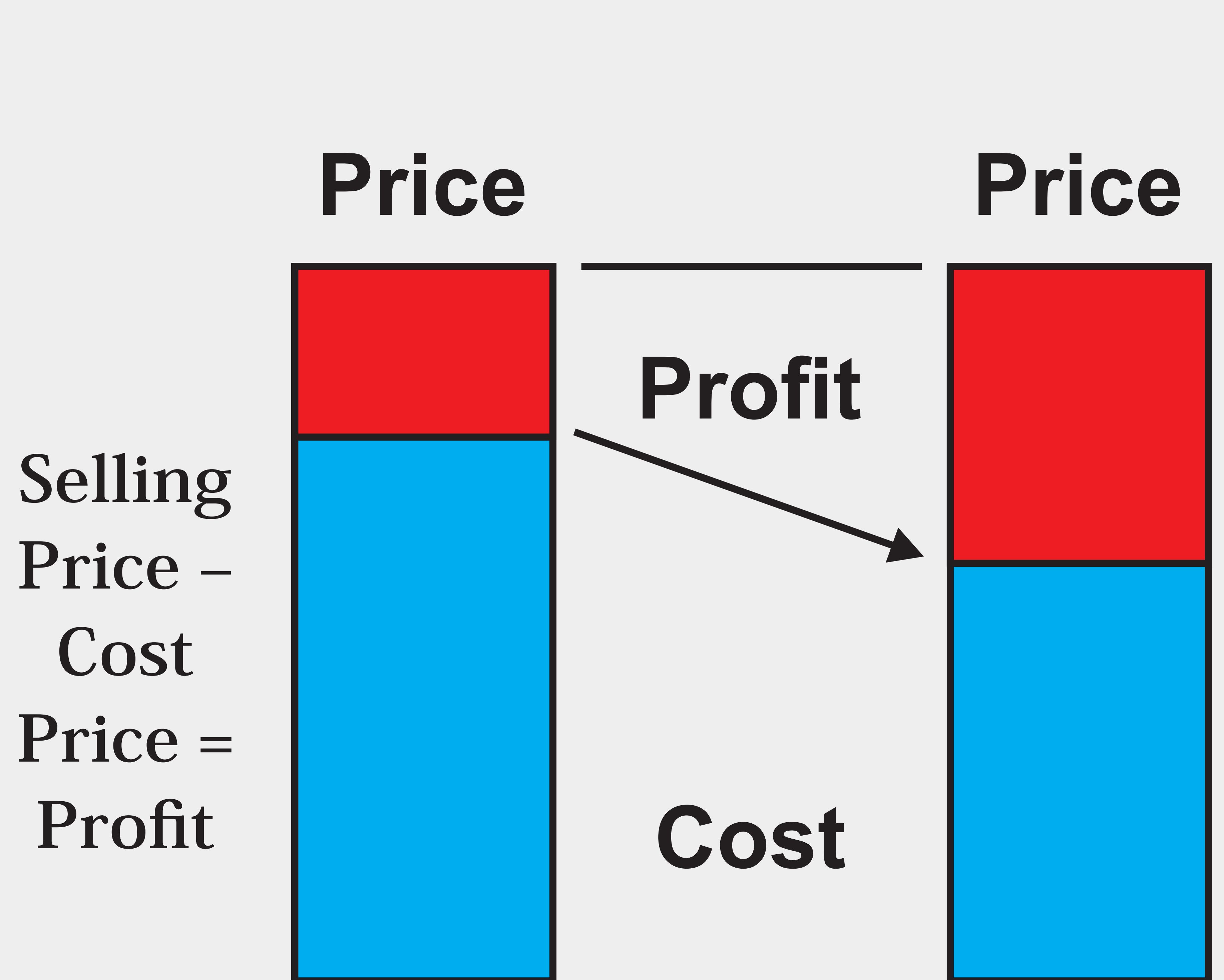
Traditional Thinking

Price – cost = profit



Lean Thinking

Price – cost = profit



Traditional

- Complex
- Forecast driven
- Excessive inventory
- Speed up value-added work
- Batch production
- Long lead time
- Inspected-in
- Functional departments

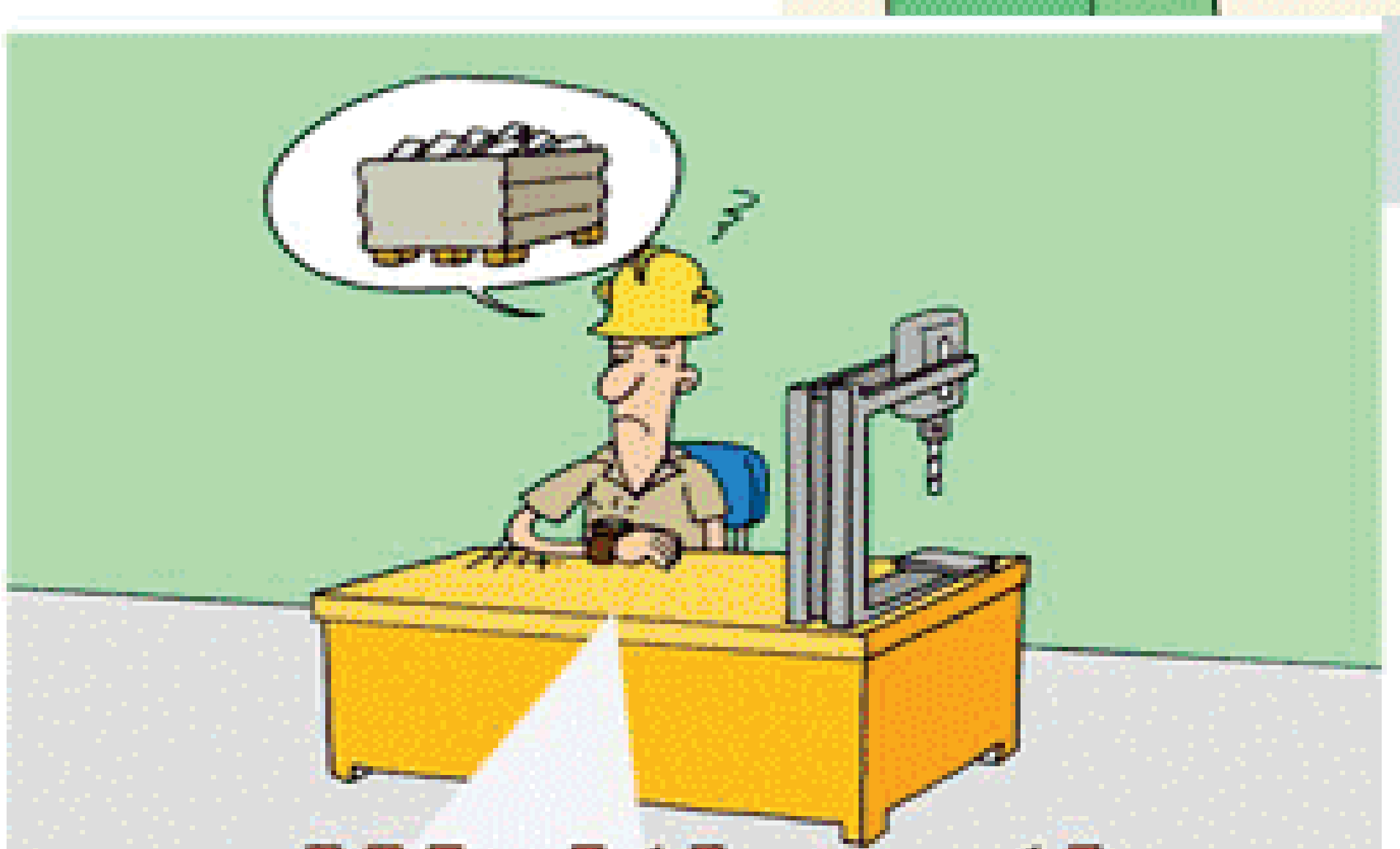
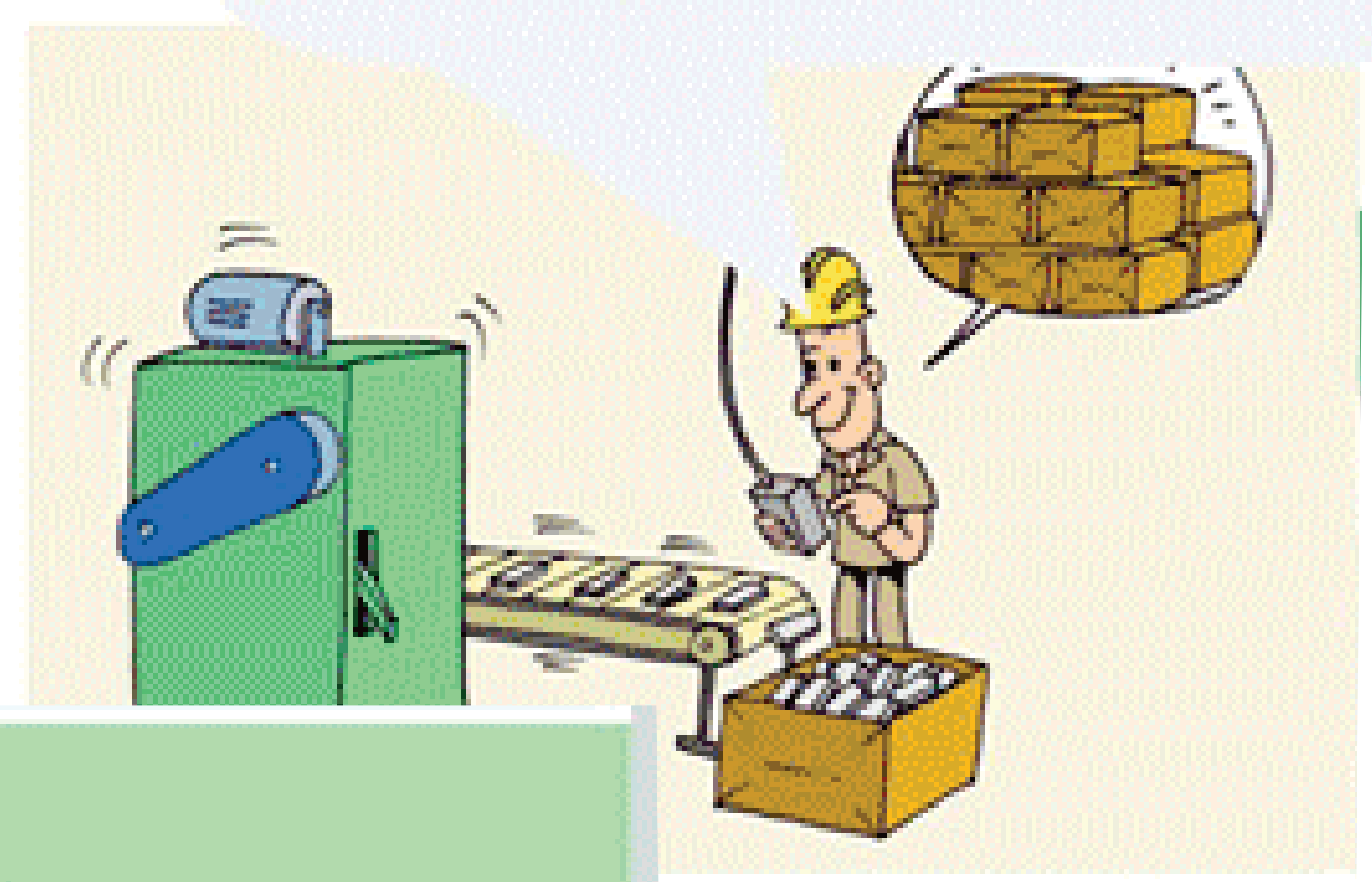
Lean

- Simple and visual signals
- Demand driven
- Inventory as needed
- Reduce non-value added
- Small lot size
- Minimal lead time
- Quality built
- Value stream managers

Lean manufacturing or lean production, often simply "lean", is a systematic method for the elimination of waste ("Muda") within a Manufacturing system.

Over production

Are we producing exactly what is required?

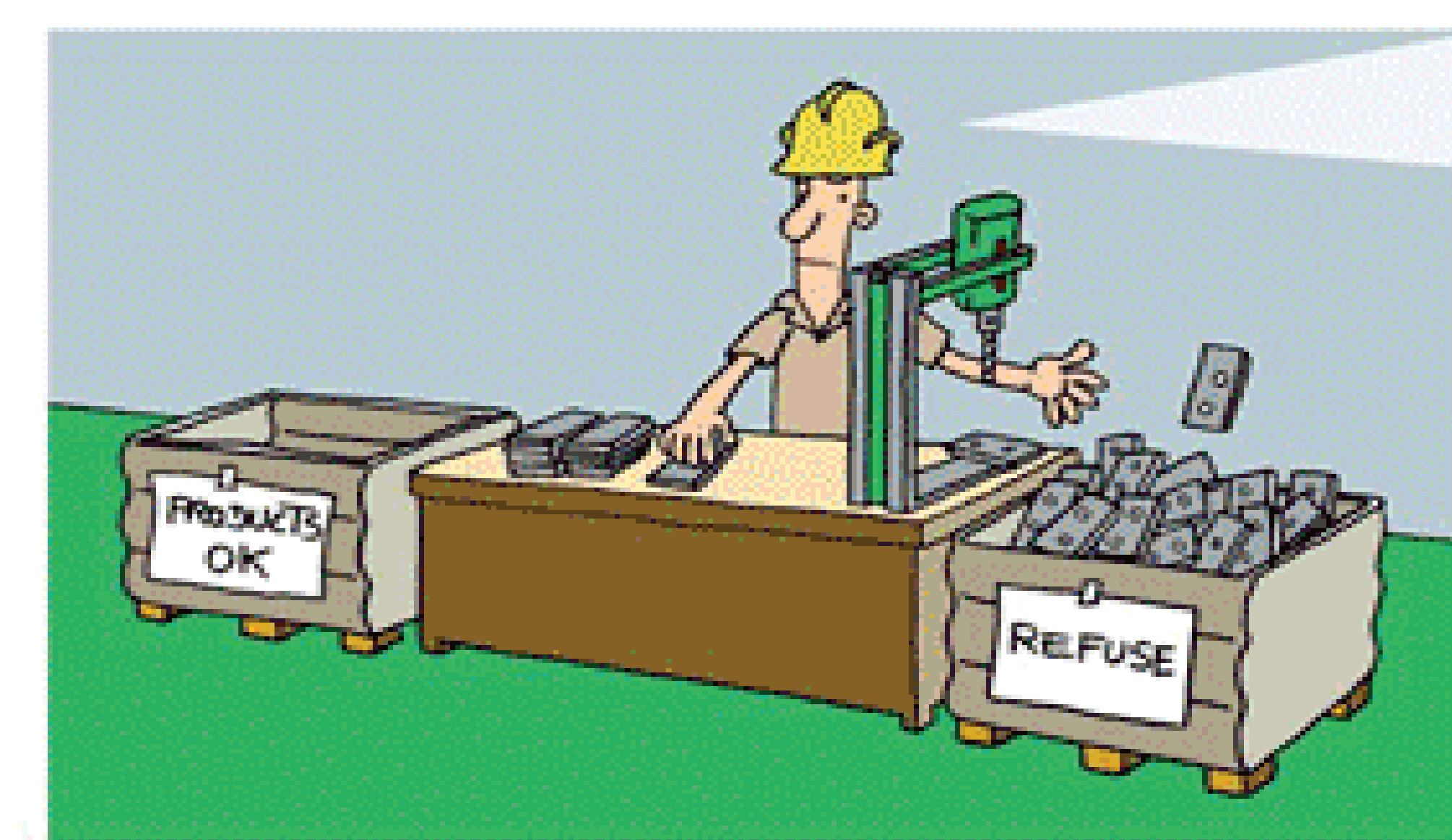


Waiting time

Are people waiting too long for materials to be processed?

Rework/rejects

How can I avoid mistakes?

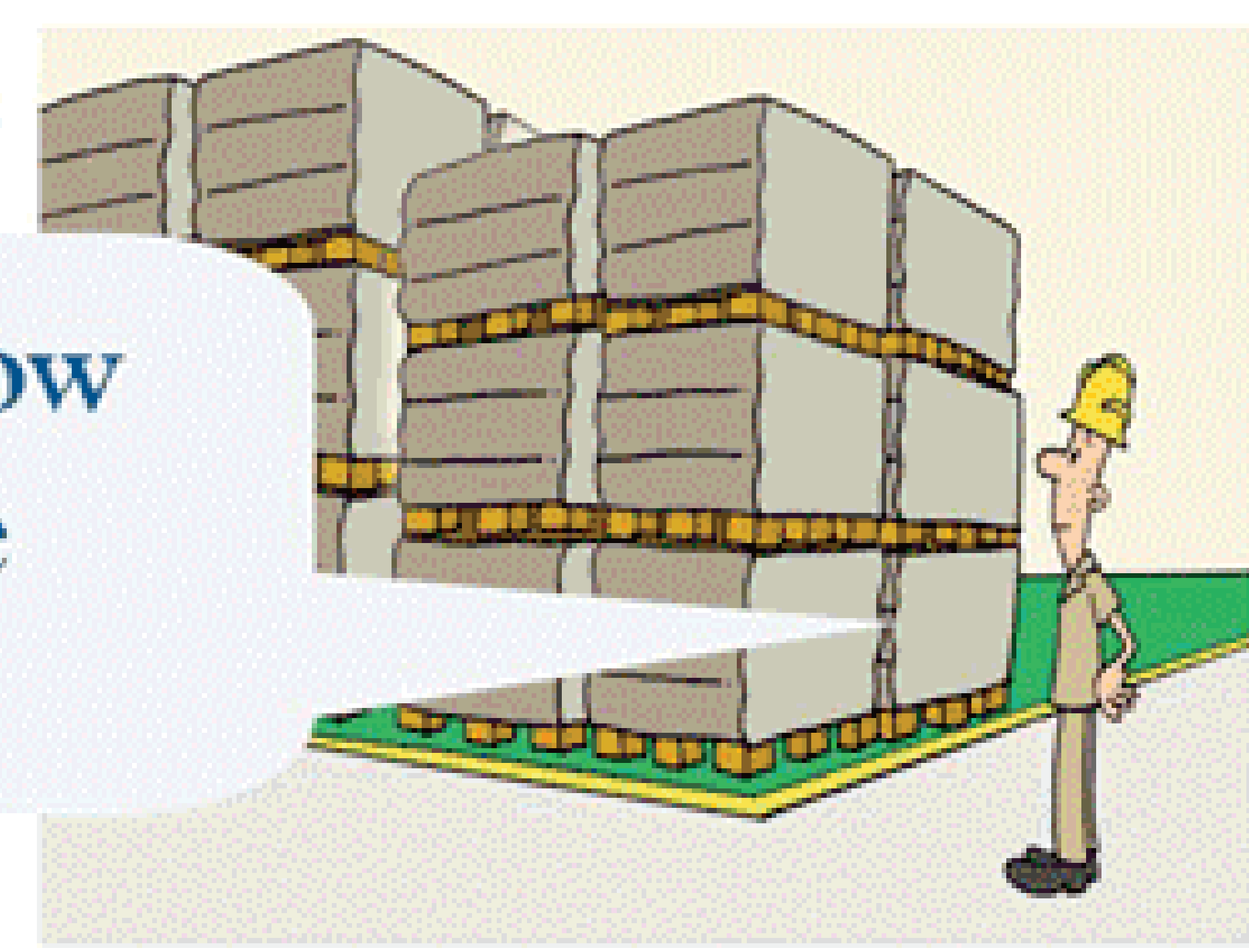


Waste in any form causes some type of cost !!!
Get rid of it!!!



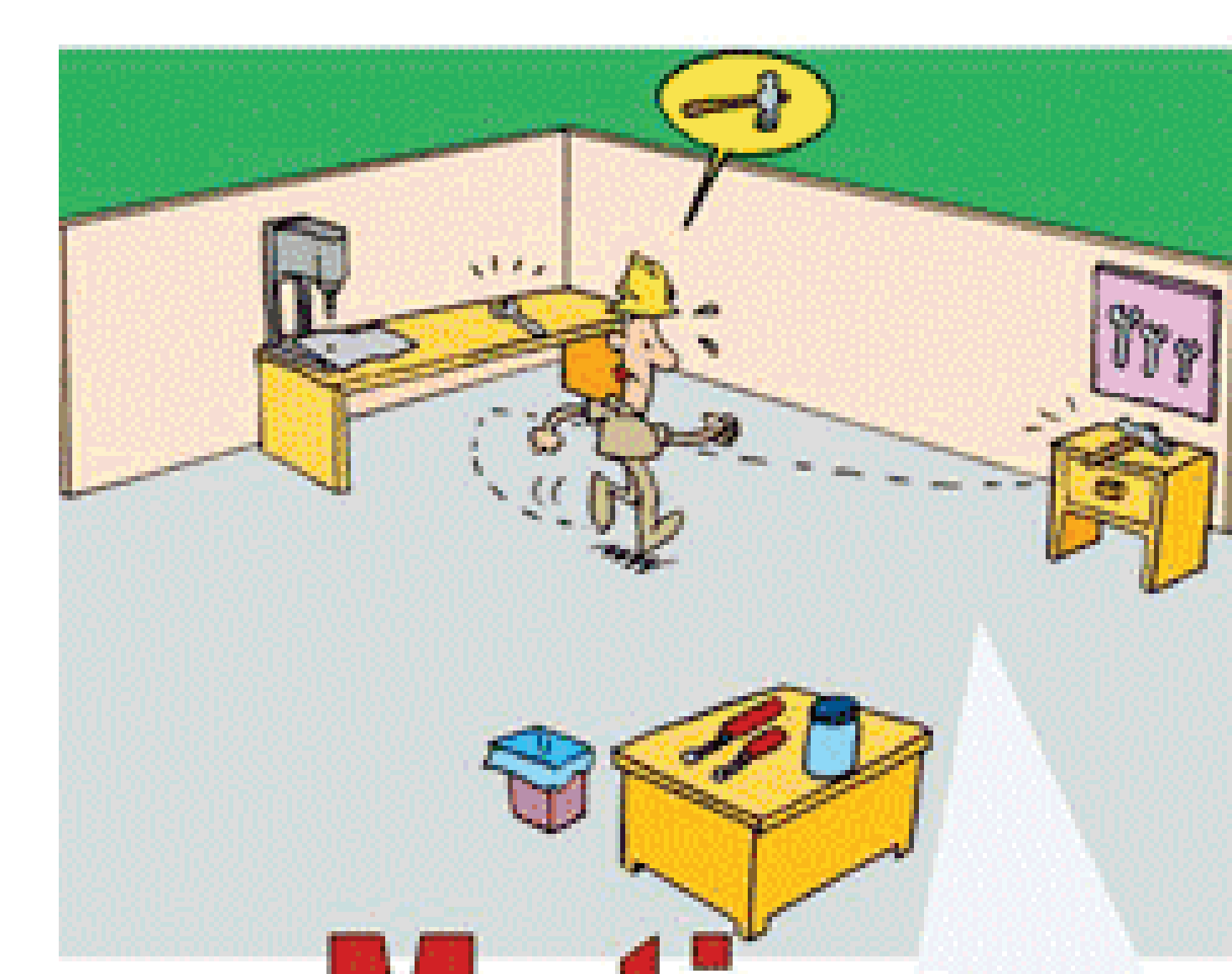
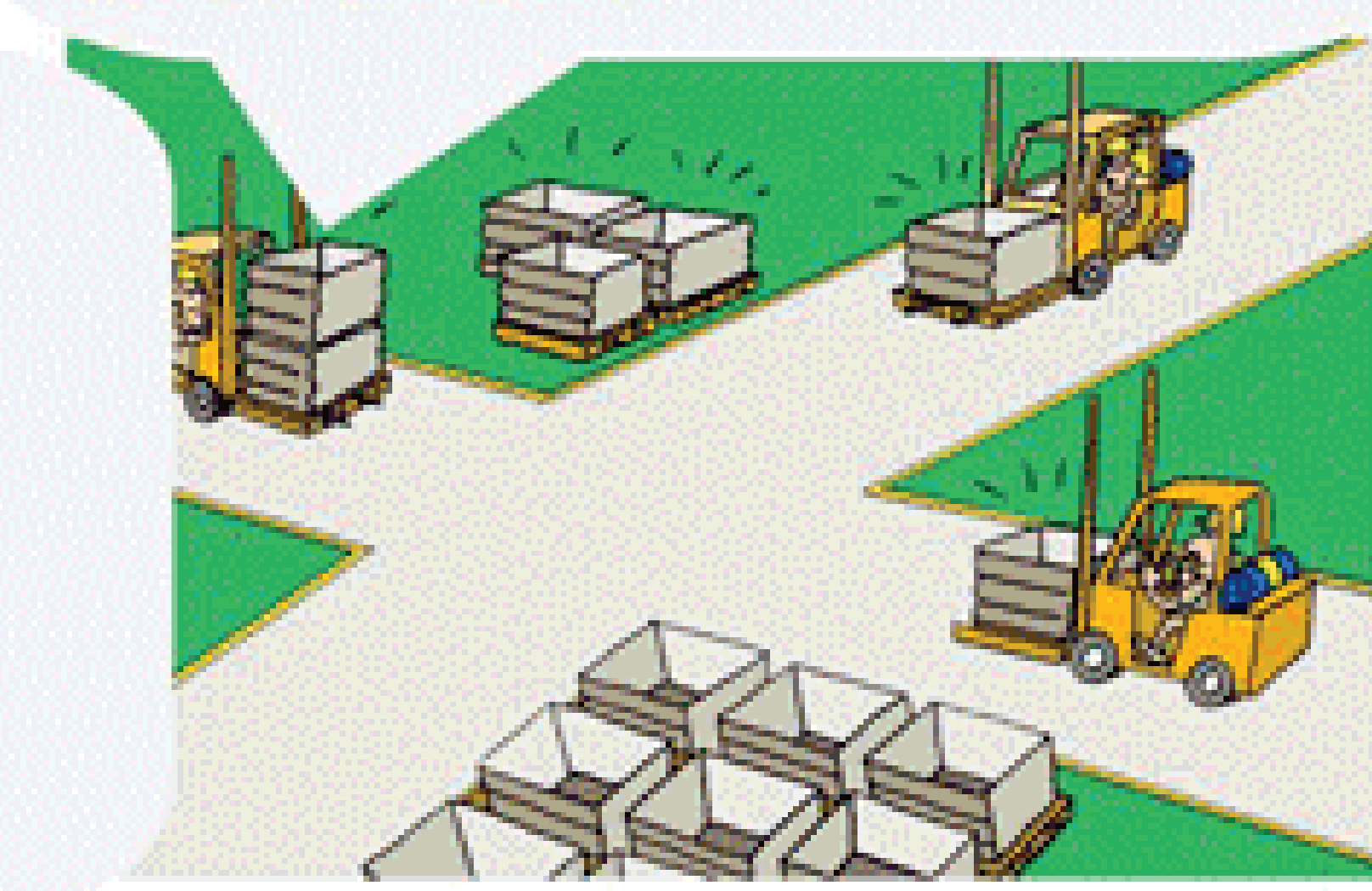
Inventory

Where and how can we reduce our stock?



Transporting

How can I avoid moving parts from one place to another?



Motion

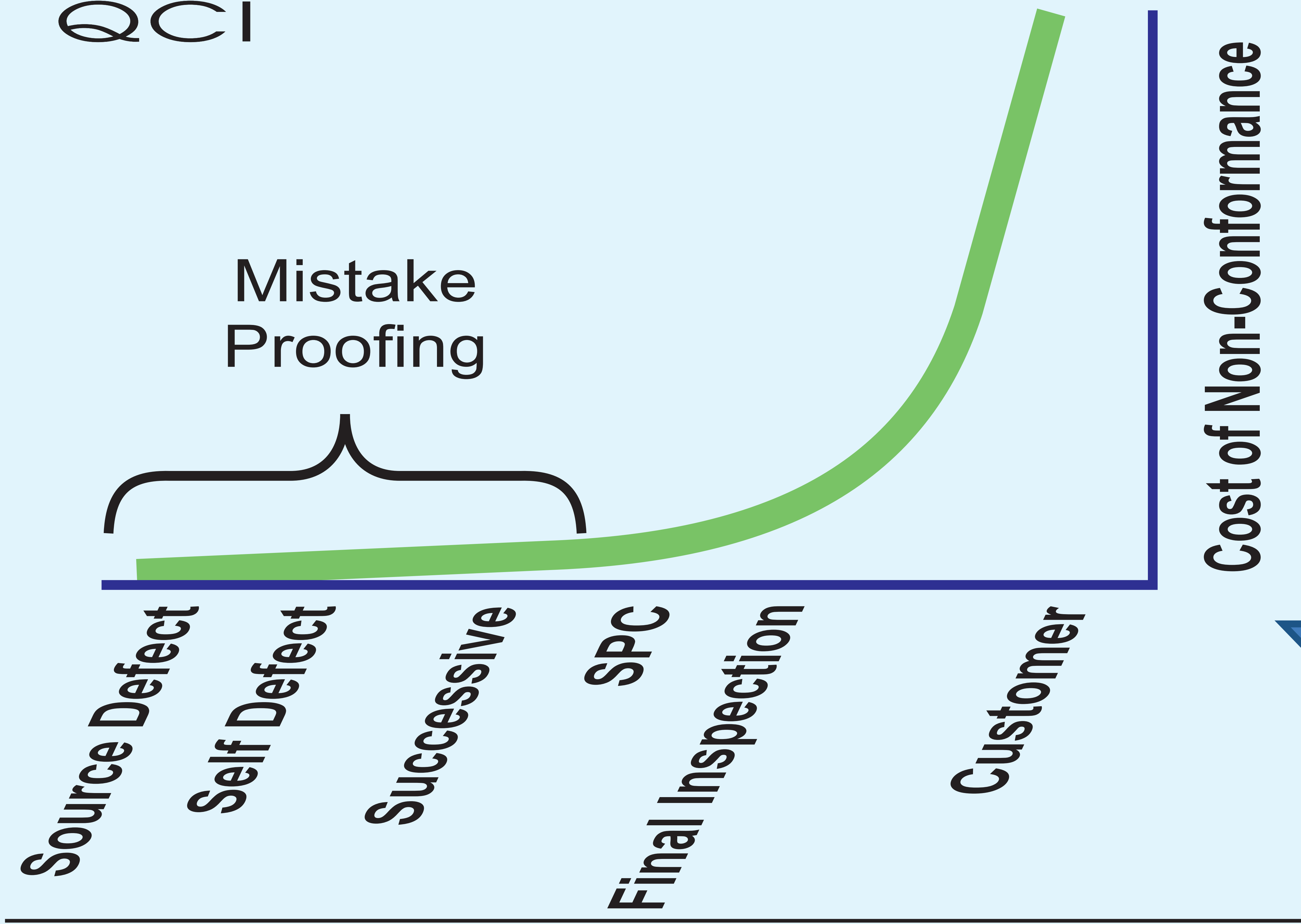
How can I make my job easier in order to avoid too much motion?

Over processing

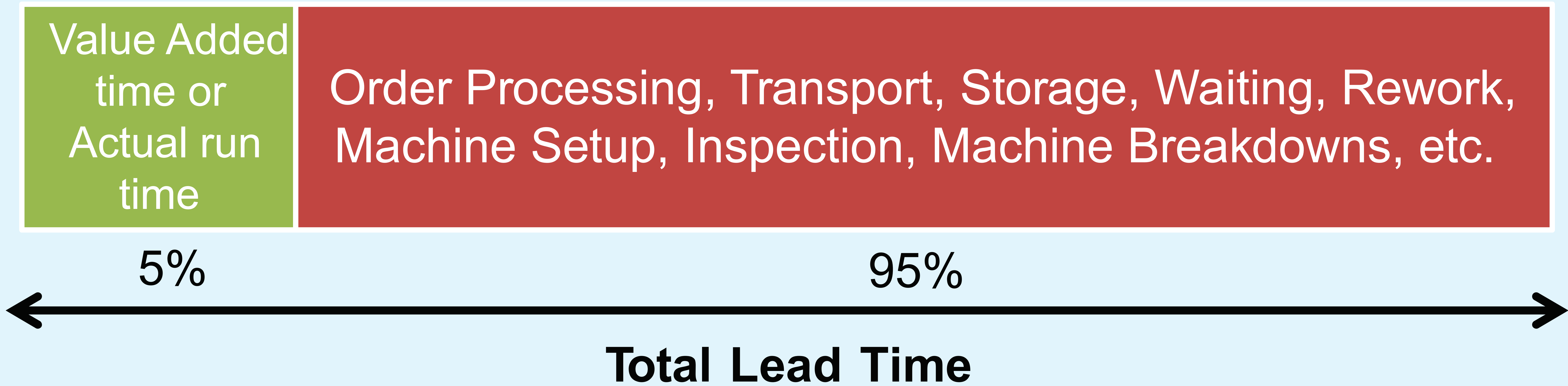
Can operations be eliminated from my work?

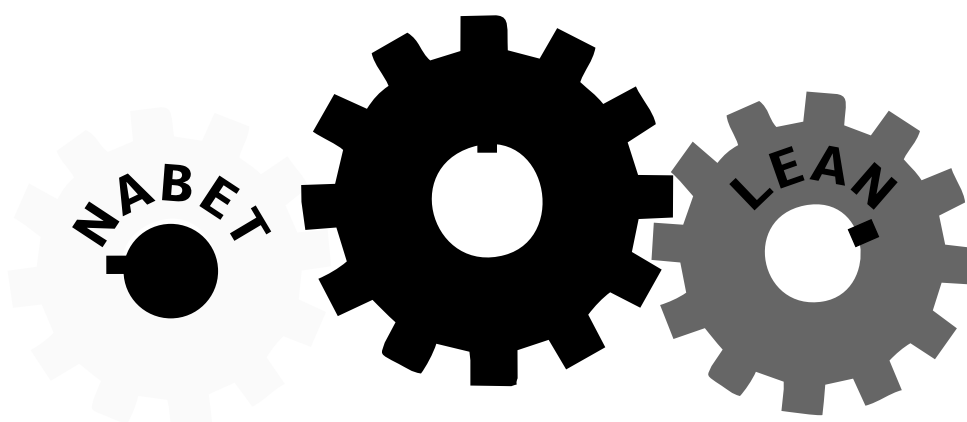


Cost of Non-Conformance



Typically >95% of Total Lead Time is Non-Value Added!!





COMPETITIVENESS SCHEME (LMCS)

About The Scheme

National Accreditation Board for Education and Training (NABET) is a constituent Board of Quality Council of India. NABET has been appointed as National Monitoring and Implementing Unit (NMIU) for up - scale diversi on of Lean Manufacturing Competiveness Scheme of Ministry of Micro, Small and Medium Enterprises (MSME).

- Strong performance of MSME sector is necessary for us to achieve the objective of rapid and inclusive growth.
- The Scheme aims at enhancing the productivity and competitiveness of MSME Enterprises by reduction of wastages in manufacturing processes, inventory management, space management, energy consumption, etc through implementation of Lean Tools and Techniques

Introduction

- Clusters are being formed comprising of 6 -10 units.
- Lean Consultants implement various Lean Tools and Techniques depending on the need and requirement of Industry during period of 18 months.
- Fees of lean Consultant is being subsidized in the scheme.
- 80% cost of implementation being borne by Ministry of Micro, Small and Medium Enterprises (MSME) while 20% cost is borne by Industry.

National Manufacturing Policy describe manufacturing as the main engine for growth of the economy & envisages manufacturing sector to reach a target of 26 per cent of the national GDP by 2022.



CONTACT US :- NABET-QUALITY COUNCIL OF INDIA

Website :- www.nabet.qci.org.in, Telephone :-011-23323416-20

Email -anurag@qcin.org, nikhil.nabet@qcin.org

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