

THE 8 WASTES

Manufacturing Examples

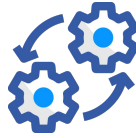
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Transport

Transportation of product or material from one place to another.

Examples: Moving tools, materials, resources and products from one place to another.



Overprocessing

Any activity which adds unnecessary time and cost to the work.

Examples: Quality inspection (try to find ways to build in quality), rush work, reviews and approvals, painting areas that will never be seen, specifications which are too high.



Inventory

Build-up of work waiting to be processed or excess stock.

Examples: Raw materials or finished product sitting idle, excessive inventory of tools, equipment or resources.



Overproduction

Producing more or faster than required (contributes to the other wastes).

Examples: Producing more product than has been ordered, adding extra features that the client hasn't asked or paid for, any type of batch work.



Motion

Unnecessary movement by people or equipment.

Examples: Bending and stretching, opening and closing, moving around poorly planned work area.



Defects

Anything not right first time, mistakes, corrections, rework and scrap.

Examples: Design and engineering errors, order errors, accidents, employee turnover, customer complaints.



Waiting

Anything resulting in idle time.

Examples: Faulty equipment, needing approval to continue, waiting for another job to finish before you can start the next.



Skills

People's untapped potential.

Examples: Limited employee authority and responsibility for basic tasks, unheard ideas and improvements, micro-management.

