

HOW CAN YOU TELL MUDAMAN EXISTS?

When fear and blame are present, so is Mudaman!
Mudaman is composed of the 3 types of chaos:

Muda - Waste
Muri - Overburdened
Mura - Unevenness

3
M's

8

Even Captain Lean needs glasses to see all of MUDAMAN

THE 8 WASTES

TO REMEMBER THE 8 WASTES, YOU CAN USE THE ACRONYM "DOWNTIME."

D

Order entry errors, retests, reviews, and system defects

EFFECTS

Efforts caused by rework, scrap, and incorrect information

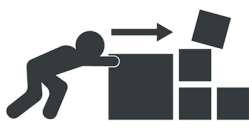


O

Providing services not required, unused reports

OVER-PRODUCTION

Producing ahead of or in anticipation of demand, creating additional waste



W

Waiting for approvals, decisions, or any system delays

WAITING

Production delays, waiting for supplies, materials or people to complete



N

Under-utilization of applications/tools to perform the intended work

NON-UTILIZED SKILLS

Wasted or unused resources, skills, and knowledge



T

Unnecessary exchange of data between groups

TRANSPORTATION

Unnecessary movements of products & materials

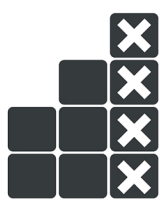


I

Backlog of work in process, unused resources / systems

INVENTORY

Holding above the strategic amount of stock, raw materials, or parts



M

Excessive movement to process or navigate systems

MOTION

Excessive movement of people or equipment to perform the intended task



E

Re-entry of data in multiple systems, duplicate work

EXTRA-PROCESSING

Unneeded steps to process parts, or to satisfy customer requirements

