

# Waste Types and Their Signals

Waste Type	Signals
<b>Defects:</b> Errors, mistakes, or problems with a product or service	<ul style="list-style-type: none"> <li>• Rework, needing to do something over again</li> <li>• A customer who did not get what was promised</li> </ul>
<b>Waiting:</b> People waiting for something to happen	<ul style="list-style-type: none"> <li>• People waiting in some form of line</li> <li>• Things seem to be stalled</li> </ul>
<b>Excessive Movement:</b> Walking or other human movements that are not needed to serve the customer	<ul style="list-style-type: none"> <li>• People walking around a lot, especially back and forth</li> <li>• People suffering from movement-related ailments such as sore backs, joints, or hands</li> </ul>
<b>Excessive Processing:</b> Performing more work than is needed to serve the customer	<ul style="list-style-type: none"> <li>• A lot of activity or people involved in the work</li> <li>• Work products that are not used and are discarded</li> </ul>
<b>Excessive Production:</b> Making or ordering more material goods than are needed to serve the customer	<ul style="list-style-type: none"> <li>• Pace of ordering exceeds pace of consumption</li> <li>• Materials received which are not needed</li> </ul>
<b>Excessive Inventory:</b> Storing or holding more material goods than are needed to serve the customer	<ul style="list-style-type: none"> <li>• Signs of old inventory such as dust on storage boxes</li> <li>• Stock items which are being discarded</li> </ul>
<b>Excessive Transportation:</b> Shipping or moving material goods farther than is needed to serve the customer	<ul style="list-style-type: none"> <li>• A lot of goods being held on carts and in vehicles</li> <li>• Long in-transit times</li> </ul>