Runners, repeaters and strangers

Classifying tools and materials for ease of use.
What are Runners, Repeaters and Strangers?

- List jobs by production volume (largest to smallest)
- Identify jobs as runners, repeaters and strangers

for example:

<table>
<thead>
<tr>
<th>No of Jobs</th>
<th>Prod'n Volume</th>
<th>MTB Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Runner</td>
<td>20 %</td>
<td>80 %</td>
</tr>
<tr>
<td>Repeater</td>
<td>30 %</td>
<td>15 %</td>
</tr>
<tr>
<td>Stranger</td>
<td>50 %</td>
<td>5 %</td>
</tr>
</tbody>
</table>

“Visually arrange and identify items for ease of use and retrieval”

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Why is RRS important?

• In many organizations we have a large number of jobs that are produced in a single location.

• Having all parts, tools, equipment etc. available in the work area will make it cluttered.

• RRS Analysis allows you to design for the top 80% of your volume, normally only 20% of your actual jobs (Your “Runners”)

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Organising; 5S set in order

Q: Which items are required for the runner jobs?
   for example: material, tools, jigs, gauges, paperwork, etc

Q: Where should the items be stored, prior to use?
   for runners, this should be as close to hand as possible

Q: How should the storage locations be visually identified?
   how would you know from ten yards whether conditions are normal?
   could you be sure you would not need to search for the required items?

Q: What access is required to the items and the workplace?
   is there sufficient space to manoeuvre trolleys, etc without needing to remove obstacles?
   is this space visually marked such as with motorway lanes and car parks?

Q: What access is required at the workplace?
   can preparations and operations be carried out without needing to remove obstacles?

The real question is: "how can you make each answer better and better?"
Set in order for runners

eg: Where should the items be stored, prior to use?

eg: How should the storage locations be visually identified?

- Repeat the organisation exercise for repeaters, then strangers
  store runners at workplace, repeaters close to workplace, and strangers away from workplace
RRS; next stage

• Why do you have a proliferation of parts?
  – Is it possible to consolidate and turn repeaters into runners?
  – Turn strangers into repeaters?
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