### Waste walk user guide **Management: Time to get lean**



With Neil Fedden - www.fedden-usp.co.uk

Waste walk sheets are a way of displaying information and data collected from a Process Map. This allows a concise display of data to provide a permanent record and allow easier analysis so process improvements can be identified and prioritised.

### **Team-based instructions**

Step number	Description of major step	Key points	Illustration
1	Take the descriptions from each Post-it note and record in the 'Waste walk' Activity' column on the Waste walk spreadsheet (You can download this from the TIAH website).	Keep the descriptions as concise as possible.	Activity    Activity   Autophysics (Lander and Physics)   Autophysics)   Aut
2	Depending on the colour of the Post-it note, record in the next column whether the activity is Value Aid (VA) or Non-Value Aid (NVA).  e.g. Yellow = NVA. Red = VA.	Sometimes there's lots of discussion around what is VA or NVA.  If in doubt, put it as NVA so you think of how to improve it.	VA Value Aid Non-value Aid
3	Copy from the Post-it note the time taken for each step and distance travelled and place that data in the 'Step Time' and 'Distance' columns respectively.	As you are populating the Waste walk spreadsheet, review the distances and times.  Collect more data if needed and start to identify the largest NVA.	Waste walk/Activity

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### **Team-based instructions**

Step number	Description of major step	Key points	Illustration
4	For each of the process steps estimate the frequency that step takes place and record in the 'No. of times done per day' column.	You can change the time period to customise it to your particular process, e.g. weekly, monthly, etc.	Waste walk/Activity
5	Check the spreadsheet has updated the 'Cumulative Time' column with the multiplication of columns 'Step Time' by 'No. of times done per day'.	This 'Cumulative Time' figure will start to give you a sense of which process steps to focus on, e.g. the bigger the figure, the bigger the opportunity to make a saving.	3   Heal/cup glass
6	Check that the 'Pareto Individual' % column has automatically populated.	This is the percentage amount this particular step is of the overall total accumulated time for the process and again gives some indication of where to focus improvement.	Waste walk/Activity
7	On the right-hand side of the Waste walk spreadsheet you will see columns that relate to each of the 'Seven wastes plus one'.	Put 'x' to indicate what type of waste is associated to that particular process step.  It's possible that one process step has multiple wastes associated with it. This again can start to give some clues as what the problem is in the process e.g. lots of transport indicates a layout problem.	Continued and process Continued and proces

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Step number	Description of major step	Key points	Illustration
8	In the remarks column you can record any ideas for improvements that you may have or issues discussed with the improvement team	This really helps if you pick-up an old Waste walk spreadsheet and you are trying to remember why you took certain actions.	Secs   mits   %   %
9	Select all your data - including the task descriptions all the way across to the remarks - and sort the steps so the highest 'Pareto Individual' percentage is at the top.	Sort the process steps so that highest individual percentage is at the top of the sheet and the rest of the process steps are arranged in descending order.	Waste walk/Activity
10	Ensure the 'Pareto Cumulative' column is automatically populated and is calculating the increasing sum of the 'Pareto Individual' figures.	The last process step in this column should always be 100% if you have done it right! (Don't worry if you haven't!)	Area/Process: Garden centre/Cappuccino
11	Highlight the rows that add up to 80% in the cumulative column - this is where to focus the initial improvement efforts.	Prioritise the NVA items when you look at which areas to improve.  If you have some large VA elements you may need to do more detailed analysis like Activity Sampling.	0 0.00%   100.