

Peer Review Comments: *Guidelines for Safe Handling of Nanoparticles in Laboratories*

Success Criteria	Comments
Does this represent effective HS&E practice or can you see major technical flaws?	Overall this represents effective HSE practice with no obvious technical flaws.
How suitable is this tool for use by a small or medium enterprise? (assume they can hire a professional resource if necessary)	Most of the general handling guidelines are appropriate. The guidelines for open handling are a bit conservative for lab scale quantities in a small to medium sized enterprise.
How relevant do you think this tool is to nanotechnology? (some of the tools have been adapted from other issues e.g. handling respiratory allergens – in these situations do you feel it may be non or poorly applicable to nano?)	Very relevant and focused on nanoparticulate issues.
Is there anything that could be added to this tool to make it more effective?	Perhaps revise the guidelines for open work and spill cleanup to address relative quantities of materials.
Please supply a short (3-5 sentence) summary that we may post with the tool on the compendium. Indicate what the tool delivers, how effective you think it is and any major limitations.	The document provides guidelines for the safe handling of nanoparticulate materials in laboratories. It provides general background on the risks of nanomaterials. This background is followed by general safe handling guidelines ranging from risk assessment to exhaust ventilation, personal protective equipment and spill cleanup/disposal.