



11. Force - manual material handling equipment



What do you notice about manual material handling equipment?

Note: For background information, see other side.

In conclusion, the current situation

is acceptable

needs improvement

What *specific* improvements can be made?

Should we analyze the situation or the proposed solutions in more detail?

no

yes - more detail on other side





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Ergonomic design

We looked at ...	Why be concerned? (consequences)	Recommendations
Material handling equipment	Proper material handling equipment reduces: <ul style="list-style-type: none">• awkward posture• muscular strain• consequently reduces arm, neck, and back problems	<ul style="list-style-type: none">• Use mechanical equipment in the following situations:<ul style="list-style-type: none">- When weight involved is more than 15 kg (33 lbs.)- Carrying distance is more than 10 m (30')- Lifting is done more than several times per hour• Carefully select the equipment (e.g. hoists, forklifts); poorly-designed equipment will not be used• Select equipment according to the weight of the load and the frequency of handling, and the needs of those who will use it

Translated and adapted from SOBANE materials, available at www.sobane.be/fr/tms_obs.html

