



19. Work environment - general



What do you see or notice in terms of:

Note: For background information, see other side.

- temperature?

- drafts?

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





19. Work environment - general

Ergonomic
design

We looked at ...	Why be concerned? (consequences)	Recommendations
Temperatures	If too cold: <ul style="list-style-type: none">• stronger muscle contractions• less strength• less co-ordination If too hot: <ul style="list-style-type: none">• excessive sweating• fatigue• slippery hands	<ul style="list-style-type: none">• Reduce gain or loss of heat to outside• Reduce internal gain or loss of heat -<ul style="list-style-type: none">- caulk hot and cold surfaces (ducts, walls, etc.)- vent warm and humid gases at source- eliminate all water and vapour leaks• Adapt clothing to conditions• Keep temperatures above the following minimums:<ul style="list-style-type: none">- very light work 20° C- light work 18° C- semi-heavy work 15° C- heavy work 12° C
Drafts	If drafty: <ul style="list-style-type: none">• local chills• muscle contractions, neuralgia	<ul style="list-style-type: none">• Limit air speeds to:<ul style="list-style-type: none">- 10 m/sec for short-term exposure- 3 m/sec for intermittent work- 1 m/sec for prolonged standing or heavy work- 0.5 m/sec for prolonged sitting work• Eliminate all drafts on the face or neck

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

