

Breathing Patterns and Volumes Recorded in the Workplace in Correlation with ISO Work Rates

This presentation reports on a collection of recent work-rate measurements in heavy industry. The data was gathered from workers of different age and fitness, on several locations and in various industries, comprising real-time breathing patterns and respiratory volumes during normal work routines. Each worker's age, height and weight were recorded for comparison with the standard ISO 'working man'. The purpose of the test was to correlate this information with the work rates set out in the ISO Standard and, while at this stage this is not a comprehensive study, the purpose is to give an indication and also to build on already published data recorded both in the workplace and in simulated laboratory tests.

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