## Occupational noise emitted by digital printing machines

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Abstract:	Keywords
The aim of this study was to determine noise level of different digital printing	Noise Levels,
machines in Egyptian printing companies, More extensive studies are needed to	Digital Printing,
determine the exact impact of noise on the workers. Technical and organizational	Safety,
measures in order to control noise and prevent noise exposure, and general hearing	Acoustic Absorption,
conservation program to protect workers, should be introduced in digital printing	Standards,
industry. The paper research followed the Experimental analytical methodology.	Occupational, Protect
The extent of noise in one of the Egyptian digital printing companies determined	Worker Health,
using Integrated precision Sound Level Meter (Class 1) QUEST type Sound Level	Knowledge,
Calibrator (Class 1) and sound software toolkit to calculate the collected data of	Attitude
sound pressure levels on equivalent A-level (dBA), the collected data performed	
inside two rooms in digital printing company, and measure token on two types of	
digital printing machines and other printing equipment. The A-weighted noise	
levels inside room1 were on Leq, Leq 8hr (80.4dB), whereas inside room2	
(72.9dB), the paper suggested different recommendations and procedures for noise	
reduction, absorption and future procurement.	
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