

ENGINEERING CONTROLS FOR PHYSICAL ENERGIES

FOREST INDUSTRY HEALTH RESEARCH PROGRAM

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The *Forest Industry Health Research Program (FIHRP)* has completed a review of engineering control measures for physical energies applicable to the pulp and paper industry. A report is now available to members titled "**Engineering Control Measures for Physical Energies in the Pulp and Paper Industry**". To request a copy, phone **Agi Lee** at the Pulp and Paper Forum at (604) 777-1533, send a fax to (604) 777-1567 or email alee@paperforum.com. Non-members of the Forum may be charged for the reports.

Further to a recent baseline assessment of physical energies present in the pulp and paper industry conducted by FIHRP in 1996, a review of engineering control measures for those physical energies was undertaken.

The review includes a summary of the energy transfer mechanisms and provides various control methods for the following physical energies: heat, whole-body and hand-arm vibrations, noise, cold, non-ionizing and ionizing radiation.

The report includes examples applicable to the pulp and paper industry (i.e. noise control measures for paper machines) and generic methods which require adaptation for each specific use. In addition, the references outlined in the report are useful tools for more detailed information on the application of various control methods.