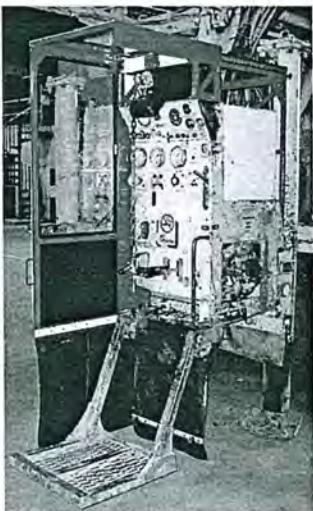


A drilling worksite has many health and safety hazards. Drillers can see tripping hazards and dust, but may not realize that the noise around a drill rig can cause hearing loss. Over the course of a career, exposure to sound levels above 90 dB can cause noise-induced hearing loss.

The sound levels while hammer drilling can reach 110 dB. At this sound level, a driller would be overexposed to noise in 30 minutes according to OSHA and MSHA regulations. To reduce drillers' exposure to noise, NIOSH has developed a Partial Cab for surface drill rigs without cabs. NIOSH research shows that the Partial Cab can reduce sound levels at the control panel by as much as 9 dB.

This CD includes:

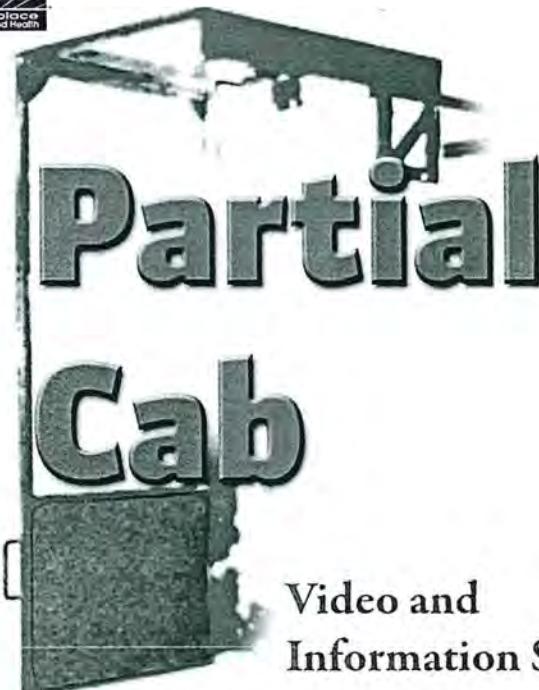
- **Video** - see the partial cab prototype in action
- **Presentation** - design and construction of partial cab
- **Presentation** - sound, noise, and hearing loss information



Prototype Partial Cab installed at the NIOSH Pittsburgh Research Laboratory.

DHHS (NIOSH) Publication No. 2007-147c

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**Video and  
Information Suite**



DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Institute for Occupational Safety and Health  
Office of Mine Safety and Health

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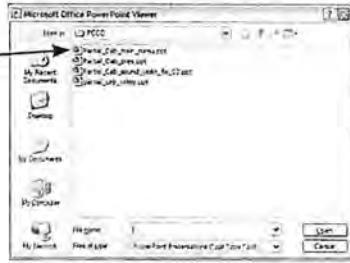
## NIOSH Partial Cab Information Suite CD

Instructions (if the CD does not start automatically when clicked):

1. Double-click the PowerPoint Viewer application.

Name	Size	Type
AUTORUN.INF	1 KB	Setup Information
gdplus.dll	1,732 KB	Application Extension
intdte.dll	64 KB	Application Extension
Part41.wmv	57,036 KB	Windows Media Audio/Video file
Part3840.wmv	57,036 KB	Windows Media Audio/Video file
partial_cab_eng_dseng_640...	4,136 KB	Windows Media Audio/Video file
Partial_Cab_main_menu.ppt	98 KB	Microsoft PowerPoint Presentation
Partial_Cab_pres.ppt	51,953 KB	Microsoft PowerPoint Presentation
Partial_Cab_sound_violin_fix...	11,246 KB	Microsoft PowerPoint Presentation
Partial_cab_video.ppt	108 KB	Microsoft PowerPoint Presentation
PartialCab.wmv	57,036 KB	Windows Media Audio/Video file
play.bat	1 KB	MS-DOS Batch File
playlist.txt	1 KB	Text Document
pptview.exe	1,638 KB	Application
povwnd.dll	126 KB	Application Extension
readme.htm	5 KB	HTML Document
readme.doc	155 KB	Microsoft Word Document
RPH.wmv	5,691 KB	Windows Media Audio/Video file

2. From the viewer menu, click Partial\_Cab\_main\_menu



To exit the viewer, press Esc

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Copies of National Institute for Occupational Safety and Health (NIOSH) documents and information about occupational safety and health are available from:

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