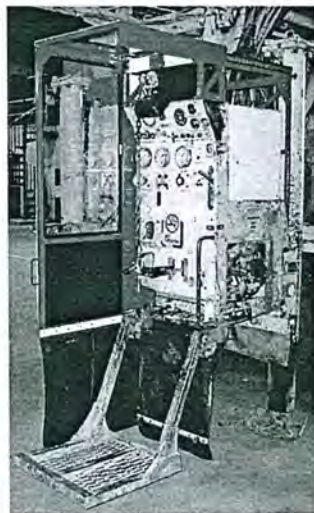


A drilling worksite has many health and safety hazards. Drillers can see tripping hazards and dust, but may not realize that the noise around a drill rig can cause hearing loss. Over the course of a career, exposure to sound levels above 90 dB can cause noise-induced hearing loss. The sound levels while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

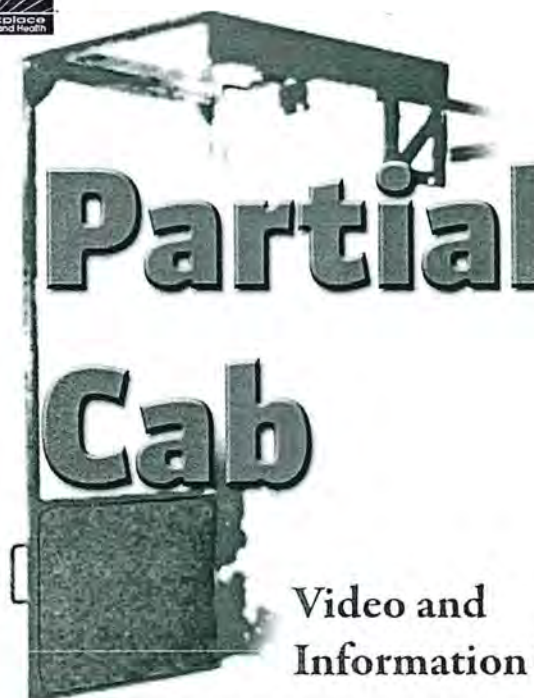
- **Video** - see the partial cab prototype in action
- **Presentation** - design and construction of partial cab
- **Presentation** - sound, noise, and hearing loss information



Prototype Partial Cab installed at the NIOSH Pittsburgh Research Laboratory.

DHHS (NIOSH) Publication No. 2007-147c

SAFER • HEALTHIER • PEOPLE™



Video and  
Information Suite



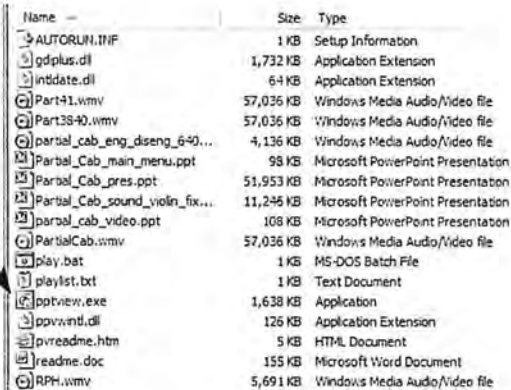
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Institute for Occupational Safety and Health  
Office of Mine Safety and Health

**NIOSH**

## 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
intdate.dll	64 KB	Application Extension
Part41.wmv	57,036 KB	Windows Media Audio/Video file
Part38-40.wmv	57,036 KB	Windows Media Audio/Video file
partial_cab_eng_dseng_6-40...	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
ppv.vnt.dll	126 KB	Application Extension
pvr 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

## Ordering Information

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

NIOSH-Publications Dissemination  
4676 Columbia Parkway  
Cincinnati, OH 45226-1998

FAX: 513-533-8573  
Phone: 1-800-35-NIOSH  
(1-800-356-4674)  
Email: [pubstaft@cdc.gov](mailto:pubstaft@cdc.gov)  
Web: [www.cdc.gov/niosh](http://www.cdc.gov/niosh)

*This document is in the public domain and may be freely copied or reprinted.*

### Disclaimer

Mention of any company or product does not constitute endorsement by the National Institute for Occupational Safety and Health (NIOSH). In addition, citations to websites external to NIOSH do not constitute NIOSH endorsement of the sponsoring organizations or their programs or products. Furthermore, NIOSH is not responsible for the content of these websites.

DHHS (NIOSH) Publication No. 2007-147c