

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Research and Engineering
Materials Laboratory Division
Washington, D.C. 20594



February 22, 2006

MATERIALS LABORATORY FACTUAL ADDENDUM

Report No. 05-133B

A. ACCIDENT

Place : Wilmer, Texas
Date : September 23, 2005
Vehicle : MCI Motorcoach
NTSB No. : HWY05MH035
Investigator : James E. Henderson, RPH-30

B. COMPONENTS EXAMINED

Pieces from four medical oxygen cylinder assemblies.

C. DETAILS OF THE EXAMINATION

In the last paragraph of page 2 of Materials Laboratory Factual Report 05-133, the third sentence should state, "The valve manufacturer's representative indicated that the burst disk is flat when installed but will form a dome shape when exposed to pressure during valve production testing."

Additionally, according to the valve manufacturer's representative, the heights of the domes for the burst disks from the pressure relief devices for cylinder assemblies 1 and 2 were considered normal for pressure exposure up to 2000 psig.

Matthew R. Fox
Senior Materials Engineer