



Leak Testing NDT Handbook Fourth edition

Errata – 1st Printing 10/17

The following text correction pertains to the *Leak Testing Classroom Nondestructive Testing Handbook*. Subsequent printings of the document will incorporate the corrections into the published text.

The attached corrected pages apply to the first printing. In order to verify the print run of your book, refer to the copyright page. Ebooks are updated as corrections are found.

Page	Correction
5	Figure 2. Aftermath of material failures: (a) defective welds in gas pipelines led to explosion and destruction in San Bruno, California, 2010; (b) boiler explosion; (c) problems in pipe seam welds, including hook cracks, led to major oil spill in Mayflower, Arkansas, 2013; (d) corrosion and fatigue cracks led to failure of pin and hanger assembly of the Mianus Bridge in Greenwich, Connecticut, 1983; collapse of I-35 W Bridge in Minneapolis, Minnesota, 2007; (e) inadequate inspection of rails and switches led to train derailment and sulfuric acid spill in Farragut, Tennessee, 2002.



(a)



(b)



(c)



(d)



(e)

Figure 2. Aftermath of material failures: (a) defective welds in gas pipelines led to explosion and destruction in San Bruno, California, 2010; (b) boiler explosion; (c) problems in pipe seam welds, including hook cracks, led to major oil spill in Mayflower, Arkansas, 2013; (d) collapse of I-35 W Bridge in Minneapolis, Minnesota, 2007; (e) inadequate inspection of rails and switches led to train derailment and sulfuric acid spill in Farragut, Tennessee, 2002.

Public Demands for Greater Safety

The demands and expectations of the public for safety are apparent everywhere. The record of the courts in granting high awards to injured persons points to the high cost that can result if there is a risk of product failure. The activities of the National Safety Council, Underwriters Laboratories, the

Environmental Protection Agency, and the Federal Aviation Administration in the United States, and the work of similar agencies abroad, are only a few of the ways in which this demand for safety is expressed. This demand for personal safety has been a strong force in the development of nondestructive tests.