The following corrections apply to the first printing (v.01) of the Lecture Guide PowerPoint® CD in the Ultrasonic Testing Instructor Package. Subsequent printings will incorporate the corrections. Images of the revised slides are shown. Where applicable, the corrected text is shown above each image.

Lesson 2, Slide 34:

As shown here, as the incident angle is changed from the initial 0° position, refraction and mode conversion occur.

Lesson 7, Slide 45:

The transducer is then aimed at the 10 cm (4 in.) radius at the end of the IIW block, and that signal is set over the graticule representing 10 cm (4 in.) of the sound path (signal B).
Lesson 8, Slide 11

This slide will be repositioned after Slide 15 to provide better continuity of topics based on p. 124, Figures 8.7 and 8.8, in the Ultrasonic Testing Classroom Testing Book.

Evaluation of Base Material Product Forms

Hydrogen Flakes

Hydrogen flakes are fine, circular-shaped cracks located near the center of heavy steel forgings, billets and bars that run longitudinally in the steel.