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with a review of the technical knowledge for an ASNT Level III exam. It is intended to be used with a comprehensive NDT text, such as the ASNT Nondestructive Testing Handbook.

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An eddy current test system closely approximates a transformer. In this approximation, what would the "secondary coil" be represented by? a) the induced eddy currents; b) the eddy current probe; c) the test sample; d) a Hall detector used as a receiver 13: By convention, the direction of a Page 24/37

magnetic line of force is represented by an arrow on a ...

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Q.6 A standard depth of penetration is defined as the point in a test object where the relative eddy current

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density is reduced to: A. 25 ... ALL QUESTIONS FROM ET ASNT STUDY GUIDE LEVEL III . Reply Delete. Replies. Reply. rakesh 4 ... myself did my reading and had posted my self study note too, I am sharing with you, the proper notes on asnt ...

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surface damage in components made of metallic materials.

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Eddy current testing is a non-contact electromagnetic testing technique used for the inspection of conductive Page 28/37

materials without the need to remove non-conductive coatings. An alternating current is passed through a coil in order to create an alternating magnetic field which is used to induce a localised current (eddy current) into the material under test.

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