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stress values are less than the ultimate tensile stress limit and may be below the yield stress limit of the material

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performance and safety in remanufacturing and for the incoming recycled metal materials is also essential to maximize the benefits of utilizing such materials however critical challenges exist in the development of nde techniques for used

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web fatigue is defined as a process of progressive localized plastic deformation occurring in a material subjected to cyclic stresses and strains at high stress concentration locations that may culminate in cracks or complete fracture after a sufficient number of fluctuations from metal fatigue analysis handbook 2012 related terms asphalt

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