



BSI Standards Publication

Steel — Measurement method for the evaluation of hydrogen embrittlement resistance of high-strength steels

Part 2: Slow strain rate test

National foreword

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Steel — Measurement method for the evaluation of hydrogen embrittlement resistance of high-strength steels —

Part 2: Slow strain rate test

*Acier — Méthode de mesure pour l'évaluation de la résistance à la
fragilisation par l'hydrogène des aciers à haute résistance —*

Partie 2: Essai à déformation lente





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Foreword

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Introduction

The mechanical properties of high-strength steels, such as tensile strength, elongation and reduction of area would be degraded by the effect of hydrogen, known as hydrogen embrittlement, and the susceptibility of hydrogen embrittlement becomes greater by increasing the strength level of steels.