

BS ISO 16573:2015



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

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National foreword

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





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Foreword

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The committee responsible for this document is ISO/TC 17, *Steel*, Subcommittee SC 7, *Methods of testing (other than mechanical tests and chemical analysis)*.

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 with increasing the strength level of steels. This International Standard suggests a standardized test method for the evaluation of hydrogen embrittlement resistance of high strength steels.