

INTERNATIONAL  
STANDARD

**ISO**  
**12094**

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**Welded steel tubes for pressure  
purposes — Ultrasonic testing for the  
detection of laminar imperfections in  
strips/plates used in the manufacture of  
welded tubes**

*Tubes en acier soudés pour service sous pression — Contrôle par  
ultrasons pour la détection des imperfections de laminage des  
feuillards/plaques utilisés pour la fabrication de tubes soudés*



Reference number  
ISO 12094:1994(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 12094 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 19, *Technical delivery conditions for steel tubes for pressure purposes*.

Annex A forms an integral part of this International Standard.

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International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

## Introduction

This International Standard covers ultrasonic testing for the detection of laminar imperfections in strips/plates used in the manufacture of welded steel tubes for pressure purposes.

Three different acceptance levels of laminar imperfection are considered. The choice between these acceptance levels is within the province of the ISO Technical Committee responsible for the development of the relevant product standards.

Other less severe acceptance criteria may be specified in the relevant technical delivery document.