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Petroleum and natural industries — Drilling fluids — Laboratory testing

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Preface

This Standard was prepared by the Standards Australia Committee ME-092, Materials, equipment, structures and related services for petroleum, petrochemical and natural gas industries.

The objective of this document is to provide procedures for the laboratory testing of both drilling-fluid materials and drilling-fluid physical, chemical and performance properties. It is applicable to both water-based and oil-based drilling fluids, as well as the base or “make-up” fluid.

This document is not applicable as a detailed manual on drilling fluid control procedures. Recommendations regarding agitation and testing temperature are presented because the agitation history and temperature have a profound effect on drilling fluid properties.

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Foreword

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This second edition cancels and replaces the first edition (ISO 10416:2002), which has been technically revised.