

# INTERNATIONAL STANDARD

**ISO**  
**11217**

First edition  
1993-05-15

---

---

## **Aerospace — Hydraulic system fluid contamination — Location of sampling points and criteria for sampling**

*Aéronautique et espace — Pollution des systèmes de fluides  
hydrauliques — Emplacement des points de prélèvement et critères de  
prélèvement*



Reference number  
ISO 11217:1993(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 11217 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Sub-Committee SC 10, *Aerospace fluid systems and components*.

© ISO 1993

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

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

Printed in Switzerland

# Aerospace — Hydraulic system fluid contamination — Location of sampling points and criteria for sampling

## 1 Scope

This International Standard specifies the location of sampling points and criteria for sampling of hydraulic fluid to determine hydraulic system fluid particulate contamination in aeroplanes, helicopters and space vehicles, and provides indirectly related references.

## 2 Requirements

Requirements are specified in SAE ARP 4268<sup>1)</sup> which is adopted as a *de facto* ISO International Standard.

For the purposes of international standardization, the modifications outlined below shall apply to clause 2 of the publication ARP 4268:

- a) replace the reference to the publication AS4059 by:

ISO 11218:1993, *Aerospace — Cleanliness classification for hydraulic fluids*.

- b) at the end of the clause, add the following note:

NOTE 1 This appendix does not apply to ISO 11217.

## 3 Identification statement (Reference to this International Standard)

Use the following statement when electing to comply with ISO 11217:

"Hydraulic fluid contamination sampling points in accordance with ISO 11217."

## 4 Revision of ARP 4268

It has been agreed with SAE that Technical Committee ISO/TC 20 will be consulted in the event of any revision or amendment of ARP 4268.

1) ARP 4268 is a copyrighted publication of the Society of Automotive Engineers (SAE). Copies of the original text in English are available from

Society of Automotive Engineers, 400, Commonwealth Drive, Warrendale, PA 15096-0001, USA.