

ASME POM 101-2013

Performance- Related Outage Inspections

AN AMERICAN NATIONAL STANDARD



The American Society of
Mechanical Engineers

ASME POM 101-2013

Performance- Related Outage Inspections

AN AMERICAN NATIONAL STANDARD



**The American Society of
Mechanical Engineers**

Two Park Avenue • New York, NY • 10016 USA

Date of Issuance: January 17, 2014

The next edition of this Standard is scheduled for publication in 2019. There will be no written interpretations of the requirements of this Standard issued to this edition.

Errata to codes and standards may be posted on the ASME Web site under the Committee Pages to provide corrections to incorrectly published items, or to correct typographical or grammatical errors in codes and standards. Such errata shall be used on the date posted.

The Committee Pages can be found at <http://cstools.asme.org/>. There is an option available to automatically receive an e-mail notification when errata are posted to a particular code or standard. This option can be found on the appropriate Committee Page after selecting “Errata” in the “Publication Information” section.

ASME is the registered trademark of The American Society of Mechanical Engineers.

This code or standard was developed under procedures accredited as meeting the criteria for American National Standards. The Standards Committee that approved the code or standard was balanced to assure that individuals from competent and concerned interests have had an opportunity to participate. The proposed code or standard was made available for public review and comment that provides an opportunity for additional public input from industry, academia, regulatory agencies, and the public-at-large.

ASME does not “approve,” “rate,” or “endorse” any item, construction, proprietary device, or activity.

ASME does not take any position with respect to the validity of any patent rights asserted in connection with any items mentioned in this document, and does not undertake to insure anyone utilizing a standard against liability for infringement of any applicable letters patent, nor assumes any such liability. Users of a code or standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, is entirely their own responsibility.

Participation by federal agency representative(s) or person(s) affiliated with industry is not to be interpreted as government or industry endorsement of this code or standard.

No part of this document may be reproduced in any form,
in an electronic retrieval system or otherwise,
without the prior written permission of the publisher.

The American Society of Mechanical Engineers
Two Park Avenue, New York, NY 10016-5990

Copyright © 2014 by
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
All rights reserved
Printed in U.S.A.

CONTENTS

Foreword		iv
Committee Roster		v
Correspondence With the PTC Committee		vi
Introduction		vii
1	Object and Scope	1
2	Acronyms	1
3	Guiding Principles	1
4	Specific Equipment Considerations	2
5	Instruments and Methods of Measurement	2
6	Report of Results	2
Nonmandatory Appendices		
A	Air Heater (Tubular)	3
B	Blowdown Tank	6
C	Condenser Steam Side	8
D	Condenser Water Box and Tube-Side Inspection Guidelines	11
E	Cooling Tower Outage Inspection Guidelines	14
F	Electrostatic Precipitator	19
G	Feedwater Heaters and Deaerators	21
H	Heat Recovery Steam Generators	24
I	Boiler Setting Air In-Leakage and Regenerative (Rotary) Air Heater Inspection Guidelines	39
J	Boiler Steam- and Water-Side Outage Inspection Guidelines	44
K	Safety Considerations	48