

Qualification of Distributors of Metallic Materials for Use in the Petroleum and Natural Gas Industries

API STANDARD 20J
SECOND EDITION, APRIL 2022



American
Petroleum
Institute

Special Notes

API publications necessarily address problems of a general nature. With respect to particular circumstances, local, state, and federal laws and regulations should be reviewed. The use of API publications is voluntary. In some cases, third parties or authorities having jurisdiction may choose to incorporate API standards by reference and may mandate compliance.

Neither API nor any of API's employees, subcontractors, consultants, committees, or other assignees make any warranty or representation, either express or implied, with respect to the accuracy, completeness, or usefulness of the information contained herein, or assume any liability or responsibility for any use, or the results of such use, of any information or process disclosed in this publication. Neither API nor any of API's employees, subcontractors, consultants, or other assignees represent that use of this publication would not infringe upon privately owned rights.

API publications may be used by anyone desiring to do so. Every effort has been made by the Institute to assure the accuracy and reliability of the data contained in them; however, the Institute makes no representation, warranty, or guarantee in connection with this publication and hereby expressly disclaims any liability or responsibility for loss or damage resulting from its use or for the violation of any authorities having jurisdiction with which this publication may conflict.

API publications are published to facilitate the broad availability of proven, sound engineering and operating practices. These publications are not intended to obviate the need for applying sound engineering judgment regarding when and where these publications should be used. The formulation and publication of API publications is not intended in any way to inhibit anyone from using any other practices.

Any manufacturer marking equipment or materials in conformance with the marking requirements of an API standard is solely responsible for complying with all the applicable requirements of that standard. API does not represent, warrant, or guarantee that such products do in fact conform to the applicable API standard.

All rights reserved. No part of this work may be reproduced, translated, stored in a retrieval system, or transmitted by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission from the publisher. Contact the Publisher, API Publishing Services, 200 Massachusetts Avenue, NW, Suite 1100, Washington, DC 20001-5571.

Foreword

Nothing contained in any API publication is to be construed as granting any right, by implication or otherwise, for the manufacture, sale, or use of any method, apparatus, or product covered by letters patent. Neither should anything contained in the publication be construed as insuring anyone against liability for infringement of letters patent.

The verbal forms used to express the provisions in this document are as follows.

Shall: As used in a standard, “shall” denotes a minimum requirement to conform to the standard.

Should: As used in a standard, “should” denotes a recommendation or that which is advised but not required to conform to the standard.

May: As used in a standard, “may” denotes a course of action permissible within the limits of a standard.

Can: As used in a standard, “can” denotes a statement of possibility or capability.

This document was produced under API standardization procedures that ensure appropriate notification and participation in the developmental process and is designated as an API standard. Questions concerning the interpretation of the content of this publication or comments and questions concerning the procedures under which this publication was developed should be directed in writing to the Director of Standards, American Petroleum Institute, 200 Massachusetts Avenue, Suite 1100, Washington, DC 20001. Requests for permission to reproduce or translate all or any part of the material published herein should also be addressed to the director.

Generally, API standards are reviewed and revised, reaffirmed, or withdrawn at least every five years. A one-time extension of up to two years may be added to this review cycle. Status of the publication can be ascertained from the API Standards Department, telephone (202) 682-8000. A catalog of API publications and materials is published annually by API, 200 Massachusetts Avenue, Suite 1100, Washington, DC 20001.

Suggested revisions are invited and should be submitted to the Standards Department, API, 200 Massachusetts Avenue, Suite 1100, Washington, DC 20001, standards@api.org.

Currently in preview, click buy full version

Contents

| | Page |
|--|------|
| 1 Scope..... | 1 |
| 1.1 Purpose | 1 |
| 1.2 Applicability | 1 |
| 2 Normative References | 1 |
| 3 Terms, Definitions, and Acronyms | 2 |
| 3.1 Terms and Definitions | 2 |
| 3.2 Acronyms | 3 |
| 4 Distributor Qualification..... | 3 |
| 4.1 Facilities and Equipment..... | 3 |
| 4.2 Activities Performed by the Distributor..... | 4 |
| 4.3 Quality Management System (QMS)..... | 4 |
| 5 Responsibilities and Duties..... | 4 |
| 6 Personnel Training and Competency Requirements | 4 |
| 7 Distributor Process Control..... | 5 |
| 7.1 General | 5 |
| 7.2 Review of Order Requirements | 5 |
| 7.3 Control of Mills | 5 |
| 7.4 Control of Sub-Distributors and Service Suppliers | 7 |
| 7.5 Distributor Performed Processes..... | 8 |
| 7.6 Sampling for Material Testing..... | 8 |
| 7.7 Inspection Requirements | 9 |
| 7.8 Identification and Traceability | 9 |
| 7.9 Nonconforming Product | 9 |
| 7.10 Customer-supplied Property | 10 |
| 7.11 Preservation of the Product | 10 |
| 7.12 Measuring and Testing Equipment | 10 |
| 8 Management of Change (MOC) | 10 |
| 9 Records and Document Control | 11 |
| Annex A (informative) Mill Remote Technical Assessment..... | 12 |
| Bibliography..... | 23 |

Tables

| | |
|---|---|
| Process Activities Performed by the Distributor..... | 4 |
| Service Supplier Industry Standards and Distributor Performed Processes | 8 |

Currently in preview, click buy full version

Qualification of Distributors of Metallic Materials for Use in the Petroleum and Natural Gas Industries

1 Scope

1.1 Purpose

This standard specifies requirements for the qualification of distributors of metallic materials used in the petroleum and natural gas industries.

1.2 Applicability

This standard is applicable to distributors of metallic bar, plate, and tubular products where API product standards require such services or are otherwise specified as a requirement for conformance. For organizations that manufacture and distribute metallic material, this standard only addresses the distribution portion of their processes.

NOTE This standard does not limit the responsibility of any manufacturer of commercial products using metallic materials and manufactured to an API standard from its responsibility for conformance with all applicable requirements of that API standard.

2 Normative References

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

API Specification Q1, *Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry*

API Standard 20D, *Nondestructive Examination Services for Equipment Used in the Petroleum and Natural Gas Industry*

API Standard 20H, *Heat Treatment Services – Batch Type for Equipment used in the Petroleum and Natural Gas Industry*

API Standard 20M, *Qualification of Suppliers of Machining Services for Use in the Petroleum and Natural Gas Industry*

API Standard 20N, *Heat Treatment Services – Continuous Line for Equipment Used in the Petroleum and Natural Gas Industry*

AMS 2750,¹ *Pyrometry*

ISO² /IEC 7020,³ *Requirements for the operation of various types of bodies performing inspection*

ISO/IEC 17025,³ *General requirements for the competence of testing and calibration laboratories*

¹ SAE International, 400 Commonwealth Drive, Warrendale, Pennsylvania 15096, www.sae.org.

² International Organization for Standardization, BIBC II, Chemin de Blandonnet 8, CP 401, 1214 Vernier, Geneva, Switzerland, www.iso.org.

³ International Electrotechnical Commission, 3 rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland, www.iec.ch.