

API – AGA JOINT COMMITTEE ON OIL AND GAS PIPELINE FIELD WELDING PRACTICES

API 1104 Chair, Michael T. Childers

Welding of Pipelines and Related Facilities

API STANDARD 1104
TWENTY-FIRST EDITION, SEPTEMBER 2013

ERRATA 1, APRIL 2014
ERRATA 2, JUNE 2014
ERRATA 3, JULY 2014
ERRATA 4, NOVEMBER 2015
ADDENDUM 1, JULY 2014
ADDENDUM 2, MAY 2016



*2018 Western Region Gas
Conference*



*Southwest Gas Corporation
Michael T. Childers*



American
Petroleum
Institute

- History – The first API 1104 was published back in 1953
- API Distribution – The Number one selling, and most widely used Industry Standard in the World.
- U.S. Federal Regulation: (PHMSA) – IBR: Sections 5, 6, 9, 12 (All of A if used, not federally mandated to follow A or B)
- API Standard 1104, “Welding of Pipelines and Related Facilities,” 20th edition, October 2005, including errata/addendum (July 2007) and errata 2 (2008), (API Std 1104), IBR approved for §§192.225(a); 192.227(a); 192.229(c); 192.241(c); and Item II, Appendix B.

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AMERICAN PETROLEUM INSTITUTE

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Officers

Mike Childers - Chair

Bill Bruce – Vice Chair

Melissa Gould – Secretary

Approved in 2017 by Ballot 4182

Term: January 2018 – December 2020

API – AGA JOINT COMMITTEE ON OIL AND GAS PIPELINE FIELD WELDING PRACTICES

7 Voting Segments and Voting Members

- American Petroleum Institute – Pipeline Segment
 - Tim Burns – Shell International
 - Charlie Ribardo – BP
 - Doug Fairchild – ExxonMobil
 - Jon Lee - Chevron
- American Gas Association
 - Mike Childers – Southwest Gas Corporation
 - Brian Moidel – Dominion East Ohio
 - Perry Sheth – National Grid
 - Vacancy
- Pipeline Contractors Association
 - Brian Laing – CRC Evans Welding Services
 - Ronnie Wise – Price Gregory Construction
 - Kelly Osborn – U.S.Pipeline, Inc.
 - Jon Connaway – Michels Corporation
- Pipe Manufacturers
 - Aaron Litschewski – Stupp Corporation
 - Bob Wise – Hawk Technical Services
 - Gustavo Turconi – Tenaris
 - Scott Robertson – USS Tubular Products

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7 Voting Segments and Voting Members

- American Society for Nondestructive Testing
 - David Culbertson – NDT Technical Services
 - Chuck Woodruff – Consultant
 - Scott Metzger – Intertek
 - Tom Reeder – Central NDT Inc.
- American Welding Society
 - William Bruce – DNV Columbus, Inc
 - Robert Lazor – TransCanada Pipeline
 - Oliver Jouffron – Serimax
 - Robert Gatlin – Welding & Robotic Solutions
- General Interest
 - Yong-Yi Wang – Center for Reliable Energy
 - Bob Huntley – RHM Welding Consulting
 - Robert Bates – AUT Consulting
 - Matt Boring – Kiefner and Associates

API – AGA JOINT COMMITTEE ON OIL AND GAS PIPELINE FIELD WELDING PRACTICES

- **Subcommittee Co-Chairs**

a. Fracture Mechanics Subcommittee – Yong-Yi Wang & Doug Fairchild

b. General Interest Subcommittee – Tim Burns & Bill Bruce

c. In-service Welding Subcommittee – Bill Bruce & Matt Boring

d. Mechanized Welding Subcommittee – Bob Huntley & RJ Hammer

e. Welding Procedures & Welder Qualification Subcommittee – Robert Lazor & Bill

Amend

f. Nondestructive Testing Subcommittee – Chuck Woodruff & David Culbertson

g. Repair Welding Subcommittee – Geoff Rodgers & Kerry Shatell

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- **Task Group Co-Chairs**

h. Automatic UT Task Group – Chuck Woodruff & Bob Bates

i. Radiographic Testing Task Group – Dave Culbertson & Tom Reeder

j. Task Group on NDT for Repair and In-Service Welds – Matt Boring & Alan Beckett

k. Annex A Task Group on Installation ECA – Robin Gordon & Tom Jarvie

l. Task Group for Table 1 – Jon Lee

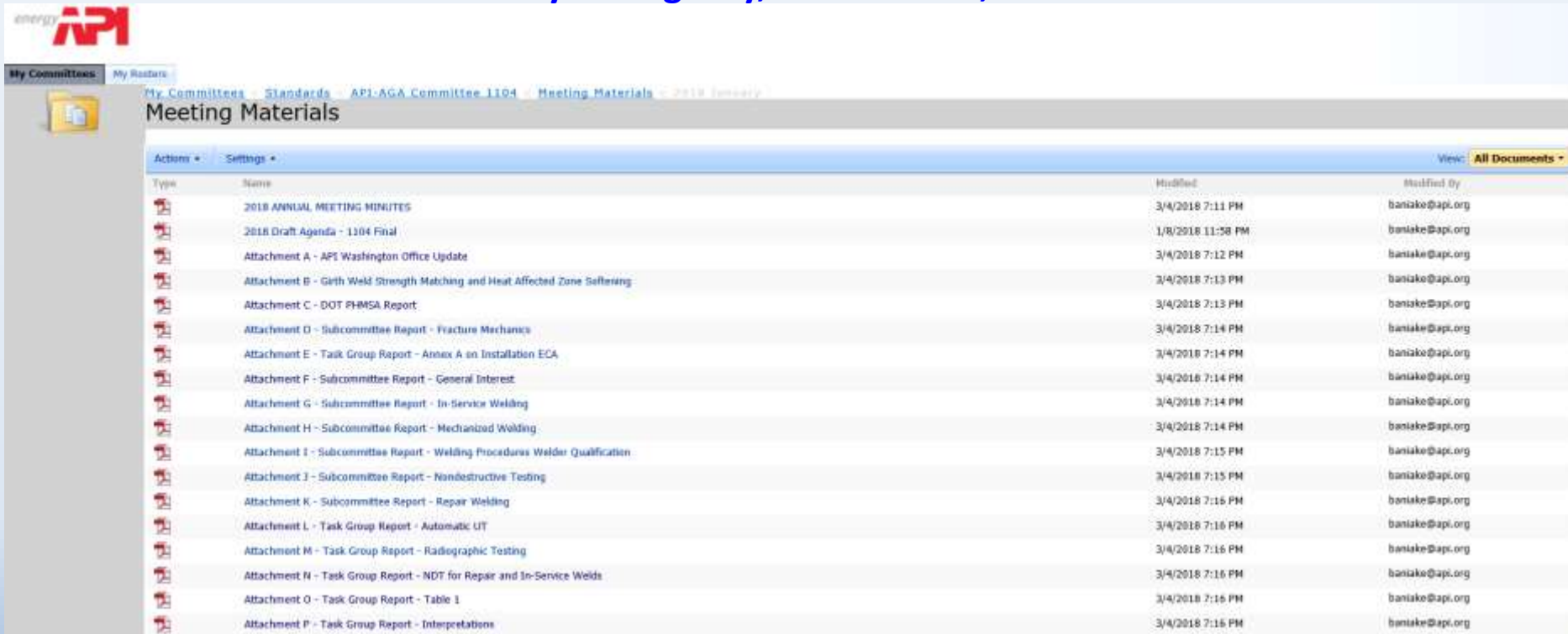
m. Annex A Task Group on Strain Based ECA – Doug Fairchild & Rick Noecker

n. Interpretations Task Group – Mike Childers (Chair only)

o. API 1104/5L Joint Work Group – Mike Childers & Tim Burns
(API 5L TGLP Voting Members)

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2018 Winter Committee Meeting Minutes: January 23rd – 25th
Hyatt Regency, San Antonio, Texas



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My Committees My Rosters

My Committees Standards API-AGA Committee 1104 Meeting Materials 2018 January

Meeting Materials

Actions Settings View: All Documents

Type	Name	Modified	Modified By
	2018 ANNUAL MEETING MINUTES	3/4/2018 7:11 PM	baniako@api.org
	2018 Draft Agenda - 1104 Final	1/8/2018 11:58 PM	baniako@api.org
	Attachment A - API Washington Office Update	3/4/2018 7:12 PM	baniako@api.org
	Attachment B - Girth Weld Strength Matching and Heat Affected Zone Softening	3/4/2018 7:13 PM	baniako@api.org
	Attachment C - DOT FHMSA Report	3/4/2018 7:13 PM	baniako@api.org
	Attachment D - Subcommittee Report - Fracture Mechanics	3/4/2018 7:14 PM	baniako@api.org
	Attachment E - Task Group Report - Annex A on Installation ECA	3/4/2018 7:14 PM	baniako@api.org
	Attachment F - Subcommittee Report - General Interest	3/4/2018 7:14 PM	baniako@api.org
	Attachment G - Subcommittee Report - In-Service Welding	3/4/2018 7:14 PM	baniako@api.org
	Attachment H - Subcommittee Report - Mechanized Welding	3/4/2018 7:14 PM	baniako@api.org
	Attachment I - Subcommittee Report - Welding Procedures Welder Qualification	3/4/2018 7:15 PM	baniako@api.org
	Attachment J - Subcommittee Report - Nondestructive Testing	3/4/2018 7:15 PM	baniako@api.org
	Attachment K - Subcommittee Report - Repair Welding	3/4/2018 7:16 PM	baniako@api.org
	Attachment L - Task Group Report - Automatic UT	3/4/2018 7:16 PM	baniako@api.org
	Attachment M - Task Group Report - Radiographic Testing	3/4/2018 7:16 PM	baniako@api.org
	Attachment N - Task Group Report - NDT for Repair and In-Service Welds	3/4/2018 7:16 PM	baniako@api.org
	Attachment O - Task Group Report - Table 1	3/4/2018 7:16 PM	baniako@api.org
	Attachment P - Task Group Report - Interpretations	3/4/2018 7:16 PM	baniako@api.org

<http://mycommittees.api.org/standards/api1104/Meeting%20Materials/Forms/AllItems.aspx?RootFolder=%2Fstandards%2Fapi1104%2FMeeting%20Materials%2F2018%20January>

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Editorial Task Group items currently proposed for the 22nd Edition:

Editorial Task Group (ETG)

- Tabulating essential variables in B.7
- Annex A - tabulating essential variables.
- Table footnotes/notes to align with style guide
- Removing definitions from the main body (especially 9.3)
- Rewording Section 3.0 to avoid conflict with AWS A3.0
- Removing all Non-technical terms.
- Removing all hanging paragraphs/notes
- Alignment of all essential variables

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Become a Committee Member Today:

- AGA Member Participation
- Benefits of Being an Active Member
- Participate in developing our Industry Standards.



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Next Committee Meeting:

- January 22 to 24, 2019, Hyatt Regency San Antonio, Texas

Questions?

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Thank you.

Thank you.

