

## 2019 Fall Refining and Equipment Standards Meeting

November 18-21, 2019 | Hyatt Regency Atlanta | Atlanta, Georgia | [www.api.org/meetings](http://www.api.org/meetings)

Current as of October 29, 2019 | Subject to change | SOME Pre- & Post-Week Meetings: November 16-17, 2019 and November 21, 2019

### Saturday, November 16, 2019

#### Mechanical Equipment

Task Group 682, Mechanical Seals 8:00 am – 5:00 pm	Executive Conference Suite 219
Task Group on SOME Standard Paragraphs 8:00 am – 5:00 pm	Executive Conference Suite 222
Task Group 611, General Purpose Steam Turbines 8:00 am – 12:00 pm	Lenox

### Sunday, November 17, 2019

#### General

Registration 1:00 pm – 5:00 pm	Regency Foyer
Sponsor and Exhibitor Displays (Vendor Setup) 1:00 pm – 5:00 pm	Regency Foyer

#### Aboveground Storage Tanks, Inspection and Mechanical Integrity, Heat Transfer Heat Transfer

SCAST/SCIMI/SCHTE Coordination Committee (Leadership Teams & API Reps) 4:00 pm – 5:00 pm	Hanover E
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Sunday, November 17, 2019  
(Continued)

Heat Transfer Equipment

Task Group on Std. 663, Hairpin Heat Exchangers  
1:00 pm – 6:00 pm Dunwoody

Inspection and Mechanical  
Integrity

SCIMI Executive Session  
11:00 am – 3:30 pm Hanover E

Mechanical Equipment

Task Group on SOME Standard Paragraphs  
8:00 am – 5:00 pm Executive Conference  
Suite 222

Task Group on 677, General Purpose Gears  
8:00 am – 5:00 pm Greenbriar

Task Group on 685, Sealless Pumps  
8:00 am – 5:00 pm Harris

Task Group on 682, Mechanical Seals  
8:00 am – 5:00 pm Executive Conference  
Suite 219

Task Group 611, General Purpose Steam Turbines  
8:00 am – 5:00 pm Lenox

Piping and Valves

Task Group on Std. 609, Butterfly Valves  
3:00 pm – 5:00 pm **CANCELLED**

Refinery Equipment

CRE Chairs' Workshop  
(Members & Invited Guests Only)  
5:00 pm – 6:30 pm Courtland

Monday, November 18, 2019

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General

**Breakfast and General Session – “API Standards Awards”**

Regency VI-VII

7:00 am – 8:30 am

Registration

Regency Foyer

7:00 am – 5:00 pm

Sponsor and Exhibitor Displays

Regency Foyer

7:00 am – 5:00 pm

*Morning Coffee Service*

*Regency Foyer*

*8:00 am – 9:00 am*

Spouses' Breakfast

Sway Private Dining Room

8:00 am – 10:00 am

**Orientation for New Committee Members and New Attendees**

Piedmont

*(Open to new attendees and anyone wishing to expand their knowledge of procedures for standards development and committee structure)*

8:30 am – 9:30 am

*Mid-Morning Coffee Service*

*Regency Foyer*

*10:00 am – 10:30 am*

*Afternoon Coffee Service*

*Regency Foyer*

*2:00 pm – 2:30 pm*

**Special Afternoon Networking Break**

**Regency Foyer**

**2:30 pm – 3:00 pm**

**Welcome Reception**

Regency VI-VII

6:00 pm – 7:00 pm

Aboveground Storage Tanks

Production Tank Steering Team

Hanover E

(12B, 12D, 12F, 12P, and 12R1)

8:30 am – 9:30 am

API RP 652, Linings of Aboveground Storage Tank Bottoms

Courtland

8:30 am – 10:00 am

Refrigerated Tank Task Group

Hanover D

8:30 am – 3:00 pm

Monday, November 18, 2019  
(Continued)

**Aboveground Storage Tanks**  
(Continued)

Specification 12F, Specification for Shop Welded Tanks for Storage of Production Liquids 9:30 am – 12:00 pm	Hanover E
TP 655, Volatile Corrosion Inhibitor Protection of Aboveground Petroleum Storage Tanks 10:00 am – 12:00 pm	Courtland
TR 654: Aboveground Storage Tank Caulking Group 11:00 am – 12:00 pm	<b>CANCELLED</b>
Specification 12B, Specification for Bolted Tanks for Storage of Production Liquids 1:00 pm – 2:00 pm	Courtland
Specification 12P, Specification for Fiberglass Reinforced Plastic Tanks 1:00 pm – 2:00 pm	Hanover E
API RP, 561 Cathodic Protection of Aboveground Petroleum Storage Tanks 2:00 pm – 4:30 pm	Courtland
Std. 12R1, Recommended Practice for Settling, Maintenance, Inspection, Operation, and Repair of Tanks in Production Service 2:00 pm – 5:00 pm	Hanover E
SCAST Owners and Operators 4:30 pm – 6:00 pm	Hanover C
SCAST Manufacturers and Contractors 5:00 pm – 6:00 pm	Hanover D

**Fitness-for-Service**

API/ASME Joint Committee on Fitness-for-Service 8:30 am – 5:00 pm	Grand Hall East C
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Monday, November 18, 2019  
(Continued)

Heat Transfer Equipment

Task Group on Std. 560, Fired Heaters (General Session) 8:30 am – 9:30 am	Hanover FG
Task Group on Std. 660, Shell and Tube Heat Exchangers 8:30 am – 6:00 pm	Dunwoody
Task Group on 560, Fired Heaters, Sections 1 through 6 9:30 am – 12:00 pm	Hanover FG
Task Group on 560, Fired Heaters, Sections 7 through 9 9:30 am – 12:00 pm	Hanover C
Task Group on 560, Fired Heaters, Annex F 1:00 pm – 3:00 pm	Hanover FG
Task Group on 560, Fired Heaters, Sections 12, 13, and Annex H 1:00 pm – 3:00 pm	Hanover C
SCHTE Fired Consensus Group 3:00 pm – 4:00 pm	Hanover FG
Thermal Oxidizer Roundtable 4:00 pm – 5:00 pm	Hanover FG
SCHTE Steering Committee (Committee Members Only) 5:00 pm – 6:00 pm	Courtland

**Monday, November 18, 2019**  
*(Continued)*

**Inspection and Mechanical  
Integrity**

API 591, Principles for Fixed Eq MI Programs 8:30 am – 9:30 am	Chicago AB
API RP 575, Aboveground Tank Inspection 8:30 am – 10:00 am	Baker
Inspection Codes Task Group (API 510, 570, 572, 574) 8:30 am – 5:00 pm	Grand Hall East A
SCIMI Manufacturers/Contractors Coordination Group 5:00 pm – 6:00 pm	Hanover AB

**Instruments and Control  
Systems**

Subcommittee on Instruments and Control Systems 8:30 am – 5:00 pm	Grand Hall East D
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**Mechanical Equipment**

SOME Joint Review on Std. 682, Mechanical Seals 8:30 am – 12:00 pm	Regency V
SOME Joint Review on Std. 685, Sealless Pumps and PTC-10 Turbine Testing 1:00 pm – 5:00 pm	Regency V

**Piping and Valves**

Piping Manufacturers and Contractors 8:30 am – 9:30 am	Centennial IV
Piping Executive Session <i>(Users Only)</i> 8:30 am – 9:30 am	Hanover AB
Piping Subgroup on Gate, Globe, and Check Valves / Piping Subgroup on Quarter Turn Valves and Valve Quality 9:30 am – 5:30 pm	Centennial IV

**Monday, November 18, 2019**  
*(Continued)*

**Pressure Relieving Systems**

Task Group on Std. 520, Pressure Relieving Devices  
– Parts I and II  
8:30 am – 5:00 pm

Learning Center

**Refractory Materials**

Management of API Sponsored Refractory Projects  
8:30 am – 5:00 pm

Grand Hall East B

Tuesday, November 19, 2019

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General

*Early Morning Coffee Service*  
*7:00 am – 8:30 am*

*Regency Foyer*

Registration  
7:00 am – 4:00 pm

Regency Foyer

Operating Practices Symposium – **Early Registration**  
7:00 am – 4:00 pm

Regency Foyer

Sponsor and Exhibitor Displays  
7:00 am – 5:00 pm

Regency Foyer

Spouses' Breakfast  
8:00 am – 10:00 am

Sway Private Dining  
Room

*Mid-Morning Coffee Service*  
*10:00 am – 10:30 am*

*Regency Foyer*

*Afternoon Coffee Service*  
*2:00 pm – 2:30 pm*

*Regency Foyer*

**Special Afternoon Networking Break**  
**2:30 pm – 3:00 pm**

**Regency Foyer**

Aboveground Storage Tanks

SCAST Subgroup Fabrication  
8:00 am – 5:30 pm

Grand Hall East D

SCAST Subgroup Design  
8:00 am – 5:30 pm

Grand Hall East A

Fitness-for-Service

API/ASME Joint Committee on Fitness-for-Service  
8:00 am – 5:00 pm

Grand Hall East C



Tuesday, November 19, 2019

(Continued)

Heat Transfer Equipment

SCHTE/SCRM Development of New Std. 565  
Thermal Reactors in Sulfur Recovery Units –

**General Session**

8:00 am – 9:00 am

Hanover FG

Std. 535, Burners for Fired Heaters:

Development/Conversion from a RP to a Standard

– **General Session & Overview, Sections 6 & 12,  
and Wrap-Up**

8:00 am – 5:00 pm

Centennial IV

Task Group on Std. 661, Air Cooled Heat  
Exchangers

8:00 am – 5:00 pm

Dunwoody

Refractory Section

9:00 am – 4:30 am

Centennial I

Joint SCHTE/SCRM Meeting on New Std. 565,  
Thermal Reactors in Sulfur Recovery Units

9:00 am – 6:00 pm

Hanover FG

Task Group on Std. 534, Heat Recovery Steam  
Generators – **Day 1**

10:00 am – 6:00 pm

Grand Hall East B

Std. 535, Burners for Fired Heaters:

Development/Conversion from a RP to a Standard

– **Sections 1 & 3**

1:00 pm – 4:00 pm

Chicago AB

Tuesday, November 19, 2019  
(Continued)

Inspection and Mechanical  
Integrity

API Pub. 589, Task Group on Lessons Learned 8:00 am – 9:00 am	Hanover AB
API RP 581, RBI Methodology <b>(Business Session)</b> 8:00 am – 10:00 am	Hanover D
API Pub. 585, Pressure Equipment Integrity Incident Investigation 9:00 am – 10:00 am	Hanover AB
API RP 580, Risk Based Inspection 10:00 am – 12:00 pm	Hanover D
API RP 586, NDE Methods for Equipment Damage Mechanisms 10:00 am – 12:00 pm	Hanover C
SCIMI NDE Task Group 1:00 pm – 3:00 pm	Hanover C
API RP 581, RBI Methodology <b>(Working Session)</b> 1:00 pm – 3:00 pm	Hanover D
API RP 941, HTHA Inspection Methods 3:00 pm – 5:00 pm	Hanover C
API RP 572, Pressure Vessel 3:00 pm – 5:30 pm	Hanover D

**Tuesday, November 19, 2019**  
*(Continued)*

**Instrument and Control  
Systems**

Safety Instrumented System Task Force Discussion 8:00 am – 9:30 am	Courtland
Task Group on RP 552, Transmission Systems 9:45 am – 5:00 pm	Piedmont
Task Group on RP 553, Refinery Valves and Accessories for Control and Safety Instrumented Systems 9:45 am – 5:00 pm	Courtland

**Mechanical Equipment**

SOME Joint Review on Std. 611, General Purpose Steam Turbines 8:00 am – 12:00 pm	Regency V
SOME Joint Review on Std. 686, Equipment Installation and Commissioning 1:00 pm – 3:00 pm	Regency V
SOME Joint Review on Std. RP 670, Machinery Protection Systems 3:00 pm – 4:30 pm	Regency V

**Piping and Valves**

Piping – Joint Meeting 8:00 am – 12:00 pm	Regency VI
Task Force on Std. 624, Type Testing of Rising Stem Valves Equipped with Graphite Packing for Fugitive Emissions 1:00 pm – 3:00 pm	Hanover AB
Task Force on RP 615, Valve Selection 1:00 pm – 5:00 pm	Executive Conference Suite 222
Task Group on Std. 641, Type Testing of Quarter-Turn Valves for Fugitive Emissions 3:00 pm – 5:30 pm	Hanover AB

Tuesday, November 19, 2019  
(Continued)

**Pressure Relieving Systems**

Task Group on 521, Pressure Relieving and  
De-Pressurized Systems  
8:00 am – 5:00 pm

Learning Center

**Refinery Equipment**

CRE Project Coordinating Committee  
10:00 am – 4:00 pm

Hanover E

**Refining Subcommittee**

Refining Subcommittee  
(Committee Members and Invited Guests Only)  
1:00 pm – 6:00 pm

Executive Conference  
Suite 219

**Refractory Materials**

SCRM/SCHTE Development of New Std. 565 –  
Thermal Reactors in Sulfur Recovery Units – **General  
Session**  
8:00 am – 9:00 am

Hanover FG

Refractory Section  
9:00 am – 4:30 pm

Centennial I

Joint SCRM/SCHTE Meeting on New Std. 565,  
Thermal Reactors in Sulfur Recovery Units  
9:00 am – 6:00 pm

Hanover FG

Wednesday, November 20, 2019

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General

*Early Morning Coffee Service*  
*7:00 am – 8:30 am*

*Regency Foyer*

Operating Practices Symposium - **Registration**  
7:00 am – 12:00 pm

Regency Foyer

Registration  
7:00 am – 3:00 pm

*Mid-Morning Coffee Service*  
*10:00 am – 10:30 am*

*Regency Foyer*

*Afternoon Coffee Service*  
*2:00 pm – 3:00 pm*

*Regency Foyer*

Aboveground Storage Tanks

SCAST Joint Session  
8:00 am – 12:00 pm

Centennial IV

Heat Transfer Equipment

Task Group on RP 669, Heat Recovery Systems  
8:00 am – 12:00 pm

Dunwoody

Task Group on Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas  
8:00 am – 5:00 pm

Grand Hall East BC

Task Group on New Std. 565 (Thermal Reactors in Sulfur Recovery Units), BMS Subgroup Joint Meeting with SOICS

Hanover D

Task Group on Std. 534, Heat Recovery Steam Generators – **Day 2**  
8:00 am – 6:00 pm

Baker

Task Group on Std. 537, Flare Details for General Refinery and Petrochemical Service  
8:30 am – 3:00 pm

Grand Hall East A

Task Group on Std. 667, Plate and Frame Heat Exchangers  
1:00 pm – 6:00 pm

Dunwoody

Wednesday, November 20, 2019  
(Continued)

**Inspection and Mechanical  
Integrity**

API RP 590, SCIMI Terms and Definitions 7:30 am – 8:30 am	Grand Hall East D
API RP 573, Heater Inspection 8:00 am – 10:00 am	Hanover AB
API RP 583, CUI/CUF Inspection 8:00 am – 10:00 am	<b>CANCELLED</b>
API RP 584, Integrity Operating Windows (IOWs) 8:30 am – 10:30 am	Grand Hall East D
Inspector Certification Task Group 10:00 am – 12:00 pm	Learning Center
API RP 577, Welding Inspection and Metallurgy 10:30 am – 11:30 am	Grand Hall East D
SCIMI Joint Meeting 1:00 pm – 5:30 pm	Learning Center

**Instrument and Control  
Systems**

Task Group on Std. 565 (Thermal Reactors in Sulfur Recovery Units), BMS Subgroup Joint Meeting with SCHTE 8:00 am – 6:00 pm	Hanover D
Task Group on RP 553, Refinery Valves and Accessories for Control and Safety Instrumented Systems 8:00 am – 6:00 pm	Executive Conference Suite 222
Task Group on RP 552, Transmission Systems 8:00 am – 6:00 pm	Courtland

Wednesday, November 20, 2019  
(Continued)

**Mechanical Equipment**

SOME Joint Review on Std. 677, General Purpose Gears 8:00 am – 10:00 am	Regency V
SOME Joint Review on Std. 673, Fan 10:00 am – 12:00 pm	Regency V
SOME Joint Review on Std. 687, Rotor Repair 1:00 pm – 3:00 pm	Regency V
SOME Joint Review on Std. 671, Special Purpose Couplings 3:00 pm – 5:00 pm	Regency V

**Operating Practices Symposium (OPS)**

OPS Breakfast <i>(Symposium Participants Only)</i> 8:00 am – 8:30 am	Regency VI
Operating Practices Symposium (OPS) <i>(Refining and Petrochemical Operating Companies Only)</i> 8:30 – 5:00 pm	Regency VI
OPS Networking Lunch <i>(Operating Practices Symposium Participants Only)</i> 12:00 pm – 1:00 pm	Regency VII
OPS Networking Reception <i>(Operating Practices Symposium Participants Only)</i> Immediately following the Symposium 5:00 pm – 6:30 pm	Regency VII

**Wednesday, November 20, 2019**

*(Continued)*

**Piping and Valves**

Task Group on Std. 600, Gate Valves 8:00 am – 10:00 am	Chicago AB
Task Group on Std. 623, Globe Valves 8:00 am – 10:00 am	Piedmont
Task Force on Std. 607, Fire Testing Valves 10:00 am – 12:00 pm	Hanover AB
Task Group on Std. 602, Small Valves 10:00 am – 12:00 pm	Piedmont
SCOPV Executive Roundtable <b>(User Members Only)</b> 1:00 pm – 5:00 pm	Executive Conference Suite 219

**Pressure Relieving Systems**

Task Force on Std. 526/527, Pressure Relief Valves 8:00 am – 10:00 am	Hanover FG
API 2000 Flow Testing Task Group 8:00 am – 10:00 am	Executive Conference Suite 219
Task Group on Std. 2000 10:00 am – 12:00 pm	Hanover FG
SCPRS Joint Session 1:00 pm – 5:00 pm	Hanover FG

**Refractory Materials**

Management of API Sponsored Refractory Projects 8:00 am – 12:00 pm	Hanover C
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Thursday, November 21, 2019

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General	Registration 7:00 am – 10:00 am	Inman (API Staff Office)
Heat Transfer Equipment	SCHTE Heat Exchanger Standard on Unfired Consensus Group 8:00 am – 10:00 am	Dunwoody
	Task Group on Std. 565, Thermal Reactors in Sulfur Recovery Units Burner Subgroup 8:00 am – 6:00 pm	Courtland
	SCHTE/SOICS RP 556, Instrumentation Control and Protective Systems for Fired Heaters 9:00 am – 6:00 pm	Learning Center
	Task Group on Std. 810, Welded Block Heat Exchangers 10:00 am – 6:00 pm	Dunwoody
Inspection and Mechanical Integrity	Inspector Certification Exam Construction: 510 Standard Setting – <b>Breakout 1</b> (Invited Guests Only) 7:00 am – 5:00 pm	Executive Conference Suite 219
	Inspector Certification Exam Construction: 653 Standard Setting – <b>Breakout 2</b> (Invited Guests Only) 7:00 am – 5:00 pm	Executive Conference Suite 222
	ICP Exam Construction: 936 Item Writing 8:30 am – 12:30 pm	Lenox
	ICP Exam Construction: SIEE 8:30 am – 12:30 pm	<b>CANCELLED</b>
Instrument and Control Systems	SOICS/SCHTE RP 556, Instrumentation Control and Protective Systems for Fired Heaters 8:00 am – 6:00 pm	Learning Center

Thursday, November 21, 2019  
(Continued)

Mechanical Equipment

Task Group on Std. 613, Special Purpose Gears  
8:00 am – 5:00 pm

Edgewood

Operating Practices  
Roundtable

Operating Practices Roundtable: Opening Process  
Equipment and Managing High Risk Work –  
**Opening Remarks**  
8:00 am – 8:30 am

Fairlie

Operating Practices Roundtable: **Opening Process  
Equipment – Breakout 1**  
8:30 – 9:45 am

Greenbriar

Operating Practices Roundtable: **Managing High  
Risk Work – Breakout 1**  
8:30 – 9:45 am

Fairlie

Operating Practices Roundtable: **Opening Process  
Equipment – Breakout 2**  
10:00 – 11:15 am

Greenbriar

Operating Practices Roundtable: **Managing High  
Risk Work – Breakout 2**  
10:00 – 11:15 am

Fairlie

Operating Practices Roundtable: Opening Process  
Equipment and Managing High Risk Work – **Wrap-  
Up & Closing Remarks**  
11:15 am – 11:45 am

Fairlie

Refinery Equipment

Committee on Refinery Equipment  
(*Members and Invited Guests Only*)  
8:00 am – 6:00 pm

Regency V

Friday, November 22, 2019

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Inspection and Mechanical  
Integrity

Inspector Certification Exam Construction: 510  
Standard Setting – **Breakout 1**  
*(Invited Guests Only)*  
7:00 am – 5:00 pm

Executive Conference  
Suite 219

Inspector Certification Exam Construction: 653  
Standard Setting – **Breakout 2**  
*(Invited Guests Only)*  
7:00 am – 5:00 pm

Executive Conference  
Ste 222

ICP Exam Construction: SIFE  
1:00 pm – 5:00 pm

**CANCELLED**