

## 2019 Spring Refining and Equipment Standards Meeting

May 6-9, 2019 | Grand Hyatt San Antonio | San Antonio, Texas | SOME Pre- & Post-Week Meetings: May 4-5 and May 9-10

**Current as of May 3, 2019 | Any changes to this current program made on-site, will be updated in the meeting app only.**

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Saturday, May 4, 2019

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### Mechanical Equipment

Task Group on 617, Centrifugal Displacement Pumps  
8:00 am – 5:00 pm

Travis AB

Sunday, May 5, 2019

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### General

Registration  
1:00 pm – 5:00 pm

Texas Ballroom Foyer

Sponsor and Exhibitor Displays  
*(Vendor Setup)*  
1:00 pm – 5:00 pm

Texas Ballroom Foyer

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

SCAST/SCIMI/SCHE/SCCM Coordination Committee  
*(Leadership Teams & API Reps)*  
4:00 pm – 5:00 pm

Travis CD

Sunday, May 5, 2019  
(Continued)

**Mechanical Equipment**

Task Group on 617, Centrifugal Displacement Pumps  
8:00 am- 5:00 pm Travis AB

Task Group on 614, Lubrication Systems  
8:00 am – 5:00 PM Bonham B

Task Group on 613, Special Purpose Gears  
8:00 am – 5:00 pm Bonham D

**Refinery Equipment**

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

Monday, May 6, 2019

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General

**Breakfast and General Session - "API – 100 Years  
of Safety and Innovation"**

**7:00 am – 8:30 am**

Texas Salon ABC

Registration

7:00 am – 5:00 pm

Texas Ballroom Foyer

Sponsor and Exhibitor Displays

7:00 am – 5:00 pm

Texas Ballroom Foyer

*Morning Coffee Service*

*8:00 am – 9:00 am*

*Texas Ballroom Foyer*

Spouses' Breakfast

8:00 am – 10:00 am

Bar Rojo

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

*(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**

Presidio A

*Mid-Morning Coffee Service*

*10:00 am – 10:30 am*

*Texas Ballroom Foyer*

*Afternoon Coffee Service*

*2:00 pm – 2:30 pm*

*Texas Ballroom Foyer*

**Special Afternoon Networking Break**

**2:30 pm – 3:00 pm**

Texas Ballroom Foyer

Welcome Reception

6:00 pm – 7:00 pm

Lone Star Ballroom  
Foyer

Aboveground Storage Tanks

RP 652, Linings of Aboveground Storage Tank  
Bottoms

8:30 am – 11:00 am

Crockett CD

Refrigerated Tank Task Group

8:30 am – 2:00 pm

Lone Star Salon F

**Monday, May 6, 2019**  
*(Continued)*

**Aboveground Storage Tanks**  
*(Continued)*

TR 654: Aboveground Storage Tank Caulking Group 11:00 am – 12:00 pm	Crockett CD
RP 651, Cathodic Protection of Aboveground Petroleum Storage Tanks 1:00 pm – 3:30 pm	Crockett CD
Production Tank Work Group (12B, 12D, 12F, 12P, and 12R1) 1:00 pm – 4:30 pm	Texas Salon A
SCAST Owners and Operators 4:30 pm – 6:00 pm	Texas Salon A
SCAST Manufacturers and Contractors 5:00 pm – 6:00 pm	Lone Star Salon F

**Corrosion and Materials**

Task Group on Corrosion and Materials Research 8:30 am – 10:30 am	Texas Salon D
RP 932-B, Hydroprocessing REAC Systems 10:30 am – 11:30 am	Texas Salon D
RP 941, High Temperature Hydrogen Attack 1:00 pm – 3:00 pm	Texas Salon D
RP 934-H, CrMo Reactor Inspection & Maintenance 3:00 pm – 5:00 pm	Texas Salon D

Monday, May 6, 2019  
(Continued)

**Electrical Equipment**

RP 546, Brushless Synchronous Machines - 500 kVA and Larger  
8:30 am – 5:00 pm Republic A

RP 500 and RP 505, Electrical Classification and NEC Proposals  
8:30 pm – 3:00 pm Republic B

**Heat Transfer Equipment**

Task Group on Std. 560, Fired Heaters  
(General Session)  
8:30 am – 9:30 am Lone Star Salon C

SCHTE Heat Exchanger Standards: 661, Air-Cooled Heat Exchangers  
8:30 am – 6:00 pm Texas Salon E

Task Group on 560, Fired Heaters,  
Sections 1 through 6  
9:30 am – 12:00 pm Lone Star Salon C

Task Group on 560, Fired Heaters,  
Sections 7 through 9  
9:30 am – 12:00 pm Texas Salon F

Task Group on 560, Fired Heaters, Annex F  
1:00 pm – 3:00 pm Lone Star Salon C

Task Group on 560, Fired Heaters,  
Sections 12, 13, and Annex H  
1:00 pm – 3:00 pm Texas Salon F

SCHTE Fired Consensus Group  
3:00 pm – 5:00 pm Lone Star Salon C

SCHTE Steering Committee  
(Committee Members Only)  
5:00 pm – 6:00 pm Crockett CD

Monday, May 6, 2019  
(Continued)

**Inspection and Mechanical  
Integrity**

API RP 590, SCIMI Terms/Definitions Task Group 8:30 am – 10:00 am	Bonham B
API RP 584, Integrity Operating Windows (IOWs) 8:30 am – 10:00 am	Lone Star Salon D
AP RP 577, Welding Inspection and Metallurgy 10:00 am – 12:00 pm	Lone Star Salon D
API RP 588, SCIMI Source Inspection Fixed Equipment 10:00 am – 12:00 pm	Bonham B
SCIMI Inspection Codes Task Group (API 510, 570, 572, 574) 1:00 pm – 5:00 pm	Texas Salon B
API Pub. 589, SCIMI Lessons Learned Task Group 5:00 pm – 6:00 pm	Bonham B
SCIMI Manufacturers/Contractors Coordination Group 5:00 pm – 6:00 pm	Texas Salon B

**Instruments and Control  
Systems**

Subcommittee on Instruments and Control Systems 8:30 am – 5:00 pm	Bowie AB
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**Mechanical Equipment**

SOME Joint Review on Std. 616, Gas Turbines 8:30 am – 12:00 pm	Lone Star Salon E
SOME Joint Review on 617, Centrifugal Compressors 1:00 pm – 5:00 pm	Lone Star Salon E

Monday, May 6, 2019  
(Continued)

**Piping and Valves**

Piping Manufacturers and Contractors  
8:30 am – 9:30 am Lone Star Salon AB

Piping Executive Session  
*(Users Only)*  
8:30 am – 9:30 am Bonham C

Piping Subgroup on Gate, Globe, and Check Valves /  
Piping Subgroup on Quarter Turn Valves and Valve  
Quality  
9:30 am – 5:30 pm Lone Star Salon AB

**Pressure Relieving Systems**

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

**Refractory Materials**

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

Tuesday, May 7, 2019

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General

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

*Texas Ballroom Foyer*

Registration  
7:00 am – 4:00 pm

Texas Ballroom Foyer

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

Texas Ballroom Foyer

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

Texas Ballroom Foyer

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

Travis CD

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

*Texas Ballroom Foyer*

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

*Texas Ballroom Foyer*

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

*Texas Ballroom Foyer*

Aboveground Storage Tanks

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

Texas Salon C

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

Texas Salon B



Tuesday, May 7, 2019  
(Continued)

### Corrosion and Materials

SCCM Officers <i>(Officers Only)</i> 7:00 am – 8:00 am	Goliad
RP 934 A-B-C-E CrMo Reactor Fabrication 8:00 am – 11:00 am	Lone Star Salon AB
Task Group on RP 945, Amine SCC 1:00 pm – 2:00 pm	Lone Star Salon AB
Task Group on RP 934-F, Reactor MPT 2:00 pm – 3:00 pm	Lone Star Salon AB
Task Group on RP 934-J, Coke Drum Repairs 3:00 pm – 5:00 pm	Lone Star Salon AB

### Electrical Equipment

RP 546, Brushless Synchronous Machines - 500 kVA and Larger 8:00 am – 3:00 pm	Republic B
RP 500 and RP 505, Electrical Classification and NEC Proposals 8:00 am – 3:00 pm	Bonham E
SOEE Joint Meeting 3:15 pm – 5:00 pm	Bonham E

### Heat Transfer Equipment

SCHTE/SCRM Development of New Std. 565 Thermal Reactors in Sulfur Recovery Units – <b>General Session</b> 8:00 am – 9:00 am	Presidio BC
SCHTE Heat Exchanger, Std. 660, Shell and Tube Exchangers 8:00 am – 12:00 pm	Texas Salon E
Std. 535, Burners for Fired Heaters: Development/Conversion from a RP to a Standard 8:00 am – 5:00 pm	Lone Star Salon C
Joint SCHTE/SCRM Meeting on New Std. 565, Thermal Reactors in Sulfur Recovery Units 9:00 am – 6:00 pm	Presidio BC

Tuesday, May 7, 2019  
(Continued)

Heat Transfer Equipment  
(Continued)

Task Group on Std. 534, Heat Recovery Steam  
Generators – **Day 1**  
10:00 am – 6:00 pm

Bonham D

SCHTE Heat Exchanger, Std. 663, Hairpin-Type Heat  
Exchangers  
1:00 pm – 5:00 pm

Texas Salon E

Inspection and Mechanical  
Integrity

API RP 575, Aboveground Tank Inspection  
8:00 am – 9:00 am

Lone Star Salon D

API RP 581, RBI Methodology  
**(Business Session)**  
8:00 am – 12:00 pm

Bowie AB

API RP 586, NDE Methods for Equipment Damage  
Mechanisms  
9:00 am – 11:00 am

Lone Star Salon D

API RP 587, Ultrasonic Examiner Qualification  
11:00 am – 12:00 pm

Lone Star Salon D

API RP 580, Risk Based Inspection  
1:00 pm – 2:00 pm

Bowie AB

SCIMI NDE Task Group  
1:00 pm – 3:00 pm

Lone Star Salon D

Task Group on 581, Methodology – **Breakout  
Sessions**  
2:00 pm – 4:00 pm

Texas Salon D

API RP 941, HTHA Inspection Methods  
3:00 pm – 5:00 pm

Lone Star Salon D

**Tuesday, May 7, 2019**

*(Continued)*

**Inspection and Mechanical  
Integrity  
*(continued)***

Study Group on SCIMI MI Governance Document  
4:00 pm – 4:30 pm

Bowie AB

Update Meeting for SCIMI on API RP 751 Revision  
4:30 pm – 5:00 pm

Bowie AB

ICP 30-Year Celebration Reception  
*(Invited Guests Only)*  
5:00 pm – 7:00 pm

Texas Salon A

**Instrument and Control  
Systems**

Safety Instrumented System Task Force Discussion  
8:00 am – 9:30 am

Crockett CD

Task Group on RP 552, Transmission Systems  
9:45 am – 5:00 pm

Bonham B

Task Group on RP 553, Refinery Valves and  
Accessories for Control and Safety Instrumented  
Systems  
9:45 am – 5:00 pm

Crockett CD

**Mechanical Equipment**

SOME Joint Review on Std. 614, Lubrication Systems  
8:00 am – 12:00 pm

Lone Star Salon E

SOME Joint Review on Std. 671, Special Purpose  
Couplings  
1:00 pm – 3:00 pm

Lone Star Salon E

SOME Joint Review on Std. RP 687, Rotor Repair  
3:00 pm – 4:30 pm

Lone Star Salon E

Tuesday, May 7, 2019  
(Continued)

### Piping and Valves

Piping – Joint Meeting 8:00 am – 12:00 pm	Texas Salon D
Task Group on Std. 600, Gate Valves 1:30 pm – 3:30 pm	Seguin AB
Task Group on Std. 641, Type Testing of Quarter-Turn Valves for Fugitive Emissions 1:30 pm – 5:30 pm	Travis AB
Task Group on Std. 623, Globe Valves 1:30 pm 5:00 pm	Travis CD

### Pressure Relieving Systems

Task Group on 521, Pressure Relieving and De-Pressurized Systems 8:00 am – 5:00 pm	Texas Salon F
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### Refinery Equipment

CRE Project Coordinating Committee 10:00 am – 4:00 pm	Bonham C
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### Refining Subcommittee

Refining Subcommittee (Committee Members and Invited Guests Only) 1:00 pm – 6:00 pm	San Jacinto
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### Refractory Materials

SCRM/SCHTE Development of New Std. 565 – Thermal Reactors in Sulfur Recovery Units – <b>General Session</b> 8:00 am – 9:00 am	Presidio BC
Joint SCRM/SCHTE Meeting on New Std. 565, Thermal Reactors in Sulfur Recovery Units 9:00 am – 6:00 pm	Presidio BC

Wednesday, May 8, 2019

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**General**

*Early Morning Coffee Service*  
7:00 am – 9:00 am

Texas Ballroom Foyer

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

Texas Ballroom Foyer

Registration  
7:00 am – 3:00 pm

Texas Ballroom Foyer

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

*Texas Ballroom Foyer*

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

*Texas Ballroom Foyer*

**Aboveground Storage Tanks**

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

Texas Salon F

**Corrosion and Materials**

TR 938-C, Duplex Stainless Steels  
8:00 am – 9:30 am

Lone Star Salon AB

Updates on Duplex Stainless Steel TR for  
582/932/938-C and JIP  
9:30 am – 10:00 am

Lone Star Salon AB

RP 582, Welding Guidelines  
10:00 am – 12:00 pm

Lone Star Salon AB

SCCM Joint and Business Meeting  
1:00 pm – 3:00 pm

Lone Star Salon AB

Wednesday, May 8, 2019  
(Continued)

### Heat Transfer Equipment

SCHTE Exchanger Standards: Std. 810, Welded Plate-Block Heat Exchangers 8:00 am – 12:00 pm	Lone Star Salon F
Task Group on Std. 561, Reforming Furnaces for H <sub>2</sub> & Syngas 8:00 am – 5:00 pm	Lone Star Salon C
Task Group on Std. 565 (Thermal Reactors in Sulfur Recovery Units), BMS Subgroup Joint Meeting with SOICS 8:00 am – 6:00 pm	Crockett CD
Task Group on Std. 534, Heat Recovery Steam Generators - <b>Day 2</b> 8:00 am – 6:00 pm	Bonham E
Task Group on 537, Flare Details (Combined Discussion with Std. 521 Pressure Relieving Task Group) 8:30 am – 3:00 pm	Republic A
SCHTE Exchanger Standards: Std. 667, Plate and Frame Heat Exchangers 1:00 pm – 6:00 pm	Lone Star Salon F

### Inspection and Mechanical Integrity

API RP 573, Heater Inspection 8:00 am – 10:00 am	Seguin AB
API RP 583, CUI/CUF Inspection 8:00 am – 10:00 am	Bonham B
Inspection Certification Task Group 10:00 am – 12:00 pm	Lone Star Salon D
ICP Exam Construction: TES Pass Point Setting 12:00 pm – 5:00 pm	Mission B
SCIMI Joint Meeting 1:00 pm – 5:30 pm	Lone Star Salon D

Wednesday, May 8, 2019  
(Continued)

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

Crockett CD

Task Group on RP 553, Refinery Valves and Accessories for Control and Safety Instrumented Systems

8:00 am – 6:00 pm

Bonham B

Task Group on RP 552, Transmission Systems

8:00 am – 6:00 pm

Republic B

Mechanical Equipment

SOME Joint Review on Std. 688, Pulsation and Vibration Control

8:00 am – 12:00 pm

Lone Star Salon E

SOME Joint Review on Std. 676, Positive Displacement Pumps-Rotary

1:00 pm – 5:00 pm

Lone Star Salon E

Operating Practices

Operating Practices Symposium – Breakfast  
*(Symposium Participants Only)*

8:00 am – 8:30 am

Texas Salon DE

Operating Practices Symposium (OPS)  
*(Refining and Petrochemical Operating Companies Only)*

8:30 – 5:00 pm

Texas Salon DE

Operating Practices Symposium – Networking Lunch  
*(Symposium Participants Only)*

12:00 pm – 1:00 pm

Texas Salon A

Operating Practices Symposium – Networking Reception

*(Symposium Participants Only)*

Immediately following the Symposium

5:00 pm – 6:30 pm

Texas Salon A

Wednesday, May 8, 2019  
(Continued)

**Piping and Valves**

**CANCELLED**

<del>Task Group on Std. 599, Plug Valves</del> 8:00 am – 10:00 am	Travis AB
Task Group on Std. 602, Small Valves 8:30 am – 12:00 pm	Bonham C
Task Force on Std. 624, Type Testing on Rising Stem Valves Equipped with Graphite Packing for Fugitive Emissions 10:00 am – 12:00 pm	Travis AB
SCOPV Executive Roundtable <b>(User Members Only)</b> 1:00 pm – 5:00 pm	Travis CD

**Pressure Relieving Systems**

Task Force on Std. 526/527, Pressure Relief Valves 8:00 am – 10:00 am	Presidio BC
API 2000 Flow Testing Task Group 8:00 am – 10:00 am	Travis CD
Task Group on Std. 2000 10:00 am – 12:00 pm	Presidio BC
SCPRS Joint Session 1:00 pm – 5:00 pm	Presidio BC

**Refractory Materials**

Management of API Sponsored Refractory Projects 1:00 pm – 6:00 pm	Texas Salon B
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Thursday, May 9, 2019

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General

Registration  
7:00 am – 12:00 pm

Crockett AB

*Early Morning Coffee Service*  
7:30 am – 9:00 am

*Inside or just outside  
meeting rooms*

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

*Inside or just outside  
meeting rooms*

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

*Inside or just outside  
meeting rooms*

Heat Transfer Equipment

SCHTE Heat Exchanger Standard on Unfired  
Consensus Group  
8:00 am – 10:00 am

Texas Salon C

Task Group on Std. 565, Thermal Reactors in Sulfur  
Recovery Units Burner Subgroup  
8:00 am – 6:00 pm

Travis AB

SCHTE/SOICS RP 556, Instrumentation Control and  
Protective Systems for Fired Heaters  
9:00 am – 6:00 pm

Texas Salon D

SCHTE Heat Exchanger Standards: Std. 669, Heat  
Recovery Systems  
10:00 am – 6:00 pm

Texas Salon C

Thursday, May 9, 2019  
(Continued)

**Inspection and Mechanical  
Integrity**

ICP Exam Construction: TES Pass Point  
7:00 am – 5:00 pm Republic B

Inspector Certification Exam Construction: 653 Item  
Review – **Breakout 1**  
*(Invited Guests Only)*  
7:00 am – 5:00 pm Bonham B

Inspector Certification Exam Construction: 653 Item  
Review Bonham C  
**Breakout 2**  
*(Invited Guests Only)*  
7:00 am – 5:00 pm

ICP Exam Construction: 936 Item Writing  
8:30 am – 12:30 pm Bowie B

ICP Exam Construction: SIRE Form Review  
8:30 am – 12:30 pm Bowie A

**Instrument and Control  
Systems**

SOICS/SCHTE RP 556, Instrumentation Control and  
Protective Systems for Fired Heaters  
8:00 am – 6:00 pm Texas Salon D

**Mechanical Equipment**

Task Group on Standard Paragraphs  
8:00 am – 5:00 pm Presidio B

Task Group on Std. 670, Machinery Protection  
Systems, Cybersecurity Subgroup  
8:00 am – 5:00 pm Presidio C

Task Group on Std. 677, General Purpose Gears  
8:00 am – 5:00 pm Mission A

Task Group on Std. 565, Thermal Reactors in Sulfur  
Recovery Units Burner Subgroup  
8:00 am – 6:00 pm Travis AB

Thursday, May 9, 2019  
(Continued)

Refinery Equipment

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

Seguin

Friday, May 10, 2019

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General

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

*Inside or just outside  
meeting rooms*

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

*Inside or just outside  
meeting rooms*

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

*Inside or just outside  
meeting rooms*

Inspection and Mechanical  
Integrity

ICP Exam Construction: 580 Form Review  
7:00 am – 12:00 pm

Bonham D

Inspector Certification Exam Construction: 653 Item  
Review – **Breakout 1**  
*(Invited Guests Only)*  
7:00 am – 5:00 pm

Bonham B

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

Bonham C

Mechanical Equipment

Task Group on Standard Paragraphs  
8:00 am – 5:00 pm

Presidio B

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

Presidio C