

## 2017 Spring Refining and Equipment Standards Meeting

May 8-11, 2017 | Caesars Palace | Las Vegas, Nevada | [www.api.org/meetings](http://www.api.org/meetings)

**Current as of May 1, 2017** | Subject to change | SOME Pre- & Post-Week Meetings: May 5-7 and May 11-12

### Friday, May 5, 2017

#### Mechanical Equipment

API Task Force 692, Compressor Dry Gas Seals  
8:00 am – 5:00 pm

### Saturday, May 6, 2017

#### Mechanical Equipment

API Task Force 616, Gas Turbines for the Petroleum,  
Chemical and Gas Industry Services  
8:00 am – 3:30 pm

API Task Force 682, Pump - Shaft Sealing Systems  
for Centrifugal and Rotary Pumps  
8:00 am – 5:00 pm

**Cancelled**

API Task Force 692, Compressor Dry Gas Seals  
8:00 am – 5:00 pm

### Sunday, May 7, 2017

#### General

Registration  
1:00 pm – 5:00 pm

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

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

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

**Sunday, May 7, 2017**

*(Continued)*

## Heat Transfer Equipment

SCHTE Academic Liaison Working Group

1:00 pm – 4:00 pm

## Mechanical Equipment

API Task Force 681, Liquid Ring Vacuum Pumps and Compressors

8:00 am – 5:00 pm

API Task Force 613, Special Purpose Gear Units for Petroleum, Chemical and Gas Industry Services

8:00 am – 5:00 pm

API Task Force 682, Pump - Shaft Sealing Systems for Centrifugal and Rotary Pumps

8:00 am – 5:00 pm

**Cancelled**

API Task Force 692, Compressor Dry Gas Seals

8:00 am – 5:00 pm

API Task Force 616, Gas Turbines for the Petroleum, Chemical, and Gas Industry Services

8:00 am – 5:00 pm

API Task Force 611, General-Purpose Steam Turbines

8:00 am – 5:00 pm

## Piping and Valves

Task Force on Std. 608, Bolted Bonnet Gate Valves

3:00 pm – 5:00 pm

Task Force on Std. 623, Globe Valves

3:00 pm - 5:00 pm

## Refinery Equipment

CRE Chairs' Workshop

*(Members & Invited Guests Only)*

5:00 pm – 6:30 pm

**Monday, May 8, 2017**

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## General

### **Breakfast and General Session – “Standards as Data & Collaborative Authoring Tools”**

**7:00 am – 8:30 am**

Registration

7:00 am – 5:00 pm

Sponsor and Exhibitor Displays

7:00 am – 5:00 pm

Spouses' Breakfast

7:30 am – 9:00 am

### ***Morning Coffee Service***

***8:00 am – 9:30 am***

### **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**

### ***Mid-Morning Coffee Service***

***10:30 am – 11:00 am***

### ***Afternoon Coffee Service***

***2:00 pm – 2:30 pm***

### **Special Afternoon Networking Break**

**2:30 pm – 3:00 pm**

### **Welcome Reception**

**6:00 pm – 7:00 pm**

## **Aboveground Storage Tanks**

Tank Safety Task Group

(2015, 2026, 2027, and 2207)

8:30 am – 11:00 am

Refrigerated Tank Task Group

8:30 am – 12:00 pm

Standard 2510 (LPG Installations)

Revision Task Group

1:00 pm – 3:00 pm

**Monday, May 8, 2017**

*(Continued)*

**Aboveground Storage Tanks**

*(Continued)*

Standard 2610 (Terminal Tank Facilities) Revision

Task Group

1:00 pm – 4:00 pm

12 Series (Production Tanks) Work Group

1:00 pm – 5:00 pm

SCAST Owners and Operators

4:00 pm – 6:00 pm

SCAST Manufacturers and Contractors

5:00 pm – 6:00 pm

**Corrosion and Materials**

Task Group on Corrosion and Materials Research

8:30 am - 10:30 am

RP 932-B Hydroprocessing REACs

10:30 am – 12:00 pm

High Temperature Hydrogen Attack JIP

***(Sponsors Only)***

12:00 pm – 1:30 pm

RP 941, High Temperature Hydrogen Attack

1:30 pm – 3:30 pm

API 934 - H&I, CrMo Reactor Inspection &

Maintenance

3:30 pm – 5:30 pm

**Electrical Equipment**

RP 545, Recommended Practice for Lightning  
Protection for of Aboveground Storage Tanks for  
Flammable or Combustible Liquids

8:00 am – 12:00 pm

RP 546, Brushless Synchronous Machines - 500 kVA  
and Larger, 4<sup>th</sup> Edition Draft

8:00 am – 5:00 pm

RP 500 and RP 505 Classification of Locations for  
Electrical Installations

8:30 pm – 5:00 pm

**Monday, May 8, 2017**

*(Continued)*

## Heat Transfer Equipment

Task Group on Std. 560, Fired Heaters

**(General Session)**

8:30 am – 9:00 am

Task Group on Std. 669, Heat Recovery Systems

8:30 am – 5:00 pm

Task Group on Std. 560, Fired Heaters

**(Burners)**

9:00 am – 12:00 pm

Task Group on Std. 560, Fired Heaters

**(Coatings)**

9:00 am – 12:00 pm

Task Group on Std. 560 Fired Heaters

**(General Session)**

1:00 pm – 3:00 pm

SCHTE Fired Consensus Group

3:00 pm – 5:00 pm

SCHTE Steering Committee

**(Committee Members Only)**

5:00 pm – 6:00 pm

SCHTE Task Group Secretaries, Subgroup Leaders,  
and Liaisons

5:00 pm – 6:00 pm

**Cancelled**

## Inspection and Mechanical Integrity

Inspection Codes Task Group

8:30 am – 10:30 am

RP 575 Task Group

10:30 am – 11:00 am

API RP 573 Task Group

11:00 am – 12:00 pm

**Monday, May 8, 2017**

*(Continued)*

**Inspection and Mechanical  
Integrity**  
*(Continued)*

API RP 583 Task Group

1:00 pm – 2:00 pm

API RP 584 Task Group

2:00 pm – 3:00 pm

API RP 571 Task Group

(Inspection Section Only)

2:00 pm – 4:30 pm

API RP 585 Task Group

3:00 pm – 4:00 pm

**Instruments and Control  
Systems**

Subcommittee on Instruments and Control Systems

8:30 am – 5:00 pm

**Mechanical Equipment**

SOME Joint Review on Std. 613, Special Purpose  
Gear Units for Petroleum, Chemical and Gas Industry  
Services

8:30 am – 12:00 pm

**Cancelled**

SOME Joint Review on API 686, Recommended  
Practice for Machinery Installation and Installation  
Design

1:00 pm – 5:00 pm

**Monday, May 8, 2017  
(Continued)**

**Piping and Valves**

Piping Executive Session  
*(Users Only)*

8:30 am – 9:30 am

Piping Manufacturers and Contractors

8:30 am – 9:30 am

Piping Subgroup on Gate, Globe, and Check Valves

9:30 am – 12:30 pm

Piping Subgroup on Quarter Turn Valves and Valve  
Quality

1:30 pm – 5:00 pm

Task Force on Std. 608, Ball Valves

2:00 pm – 4:00 pm

**Cancelled**

**Pressure Relieving Systems**

PERF II – Inlet Stability

8:30 am – 12:00 pm

**Refractory Materials**

Management of API Sponsored Refractory Projects

8:30 am – 5:00 pm

**Technical Data Committee**

Technical Data Book

8:30 am – 5:00 pm

**Cancelled**

Tuesday, May 9, 2017

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## General

### *Early Morning Coffee Service*

*7:00 am – 8:30 am*

Registration  
7:00 am – 4:00 pm

### **Operating Practices Symposium Early Registration**

**7:00 am – 4:00 pm**

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

Spouses' Breakfast  
7:30 am – 9:00 am

### *Mid-Morning Coffee Service*

*10:30 am – 11:00 am*

### *Afternoon Coffee Service*

*2:00 pm – 2:30 pm*

### **Special Afternoon Networking Break**

**2:30 pm – 3:00 pm**

## Aboveground Storage Tanks

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

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

## Corrosion and Materials

SCCM Officers  
**(Officers Only)**  
7:00 am – 8:00 am

API 934 A-B-C-E CrMo Reactor Fabrication  
8:00 am – 12:00 pm

RP 934-F, Reactor MPT  
1:00 pm – 3:00 pm



**Tuesday, May 9, 2017**

*(Continued)*

**Corrosion and Materials**

*(Continued)*

RP 945, Amine SCC

1:00 pm – 3:00 pm

RP 934-J, Coke Drum Repairs

3:00 pm – 4:30 pm

RP 571, Damage Mechanisms

4:00 pm – 6:00 pm

**Electrical Equipment**

RP 546, Brushless Synchronous Machines - 500 kVA  
and Larger, 4TH Edition Draft

8:00 am – 5:00 pm

RP 500 and RP 505 Classification of Locations for  
Electrical Installations

8:30am – 5:00 pm

**Heat Transfer Equipment**

Task Group on Std. 560, Fired Heaters (Refractory)

8:00 am – 12:00 pm

SCHTE /SCRM API 565, Refractory Details for Sulfur  
Reaction Furnaces

8:00 am – 12:00 pm

Task Group on Std. 534, Heat Recovery Steam  
Generators - Next Edition, Day 1

8:00 am – 6:00 pm

Std. 535, Burners for Fired Heaters: Development of  
Next Edition

8:00 am – 6:00 pm

Std. 810, Welded Plate - Block Heat Exchangers:  
Development of 1st Edition

8:00 am – 6:00 pm

**Tuesday, May 9, 2017**

*(Continued)*

**Heat Transfer Equipment**

*(Continued)*

Task Group on Std. 560, Fired Heaters (**Fans**)

1:00 pm – 6:00 pm

SCHTE/SCRM API 561–Refractory Details for  
Reforming Furnaces

1:00 pm – 6:00 pm

**Inspection and Mechanical  
Integrity**

SCIMI NDE Task Group

7:30 am – 9:30 am

API RP 581 Task Group

8:00 am – 12:00 pm

RP 586 Development

9:30 am – 12:00 pm

API RP 587 Development Meeting

1:00 pm – 3:00 pm

API RP 577 Task Group

3:00 pm – 4:00 pm

API 581 Task Group - **Breakout Session**

4:00 pm – 6:30 pm

SCIMI Contractors Task Group

4:30 pm – 6:30 pm

**Instrument and Control  
Systems**

Task Group on RP 554, Parts 1-3, Control Systems  
Functions

8:00 am – 11:00 am

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

11:00 am – 3:00 pm

Task Group on RP 552, Transmission Systems

3:00 pm – 6:00 pm

**Tuesday, May 9, 2017**  
(Continued)

## **Mechanical Equipment**

SOME Joint Review on Std. 682, Pumps-Shaft  
Sealing Systems for Centrifugal and Rotary Pumps  
8:00 am – 10:00 am

SOME Joint Review on API Std. 673/560, Centrifugal  
Fans  
10:00 am - 12:00 pm

SOME Joint Review on API Std. 681, Liquid Ring  
Vacuum Pumps and Compressors  
1:30 pm – 4:30 pm

## **Piping and Valves**

Piping - Joint Meeting  
8:30 am – 11:30 am

SCOPV Executive Roundtable  
**(User Members Only)**  
1:30 pm – 4:30 pm

Task Force on RP 621, Valve Reconditioning  
1:30 pm – 4:00 pm

Task Force on Std. 608, Ball Valves  
2:00 pm – 4:00 pm

## **Pressure Relieving Systems**

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

## **Refinery Equipment**

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

**Tuesday, May 9, 2017**

*(Continued)*

**Refining Subcommittee**

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

**Refractory Materials**

SCHTE/SCRM API 565, Refractory Details for Sulfur  
Reaction Furnaces  
8:00 am – 12:00 pm

SCRM/SCHTE API 561, Refractory Details for  
Reforming Furnaces  
1:00 pm – 6:00 pm

**Technical Data Committee**

Technical Data Book  
8:00 am – 12:00 pm

**Cancelled**

Wednesday, May 10, 2017

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## General

### *Early Morning Coffee Service*

*7:00 am – 8:30 am*

Operating Practices Symposium Registration

7:00 am – 12:00 pm

Registration

7:00 am – 4:00 pm

### *Mid-Morning Coffee Service*

*10:30 am – 11:00 am*

### *Afternoon Coffee Service*

*2:00 pm – 3:00 pm*

## Aboveground Storage Tanks

SCAST Joint Session

8:00 am – 12:00 pm

## Corrosion and Materials

TR 938-C, Duplex Stainless Steels

8:00 am – 10:00 am

Duplex Stainless Steel JIP

10:00 am – 10:30 am

RP 582, Welding Guidelines

10:00 am – 12:00 pm

RP 939-C Sulfidation

10:30 am – 12:00 pm

RP 970, Corrosion Control Documents

1:00 pm – 3:00 pm

SCCM Joint and Business Meeting

3:00 pm – 5:00 pm

**Wednesday, May 10 2017**

*(Continued)*

## Electrical Equipment

SOEE Joint Meeting  
8:00 am – 12:00 pm

## Heat Transfer Equipment

Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas –  
**General Session**  
8:00 am – 9:00 am

API 537/521, Joint Meeting: Moving Material from  
One Standard to the Other  
8:00 am – 10:00 am

Std. 667, Plate and Frame Heat Exchangers - Develop  
1st Ed. (Revised API 662, Part 2)  
8:00 am – 6:00 pm

Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas -  
**Breakout 1 (Process, Combustion & Mechanical  
Design)**  
9:00 am – 4:00 pm

Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas -  
**Breakout 2 (Radiant Coil, Convection and  
Supports, etc.)**  
9:00 am – 4:00 pm

Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas -  
**Breakout 3 (Instrumentation & Protective  
Functions)**  
9:00 am – 4:00 pm

Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas -  
**Breakout 4 (Inspection and Testing)**  
9:00 am- 4:00 pm

Task Group on Std. 537, Flare Details, New Items  
10:00 am – 12:30 pm

Std. 561, Reforming Furnaces for H<sub>2</sub> & Syngas –  
**General Session**  
4:00 pm – 5:00 pm

**Wednesday, May 10, 2017**

*(Continued)*

**Inspection and Mechanical  
Integrity**

API RP 578 Task Group Meeting  
7:30 am – 10:00 am

Inspector Certification Task Group  
10:00 am – 12:00 pm

SCIMI Joint Meeting  
1:00 pm – 5:30 pm

**Mechanical Equipment**

SOME Joint Review on 10-Year Plan  
8:00 am – 8:30 am

SOME Joint Review on Std. 617, Axial and  
Centrifugal Compressors  
8:30 am – 12:00 pm

SOME Joint Review on Std. 611 General-purpose  
Steam Turbines  
1:00 pm – 5:00 pm

**Operating Practices**

OPS Breakfast  
*(Symposium Participants Only)*  
8:00 am – 8:30 am

Operating Practices Symposium (OPS)  
*(Refining and Petrochemical Operating Companies  
Only)*  
8:30 – 5:00 pm

OPS Networking Lunch  
*(Operating Practices Symposium Participants Only)*  
12:00 pm – 1:00 pm

**Wednesday, May 10, 2017**

*(Continued)*

**Pressure Relieving Systems**

Task Force on Std. 526/527, Pressure Relief Valves

8:00 am – 10:00 am

Task Group on Std. 2000

10:00 am – 12:00 am

SCPRS Joint Session

1:30 – 5:00 pm



Thursday, May 11, 2017

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## General

Registration

7:00 am – 12:00 pm

*Early Morning Coffee Service*

*7:30 am – 9:00 am*

*Mid-Morning Coffee Service*

*10:30 am – 11:00 am*

*Afternoon Coffee Service*

*2:00 pm – 3:00 pm*

## Corrosion and Materials

WRC/MPC Heavy Wall CrMo Vessel "PREVENT"  
Program

*(Open to Project Sponsors and Invited Guests Only)*

8:30 am – 3:00 pm

## Heat Transfer Equipment

SCHTE Unfired Consensus Group

8:00 am – 10:00 am

Task Group on Std. 565, Reactor Furnaces in Sulfur  
Recovery Units Burner Subgroup

8:00 am – 11:00 am

Task Group on Std. 534, Heat Recovery Steam  
Generators - Next Edition, Day 2

8:00 am – 6:00 pm

SCHTE/SOICS RP 556, Instrumentation Control and  
Protective Systems for Fired Heaters

8:00 am – 6:00 pm

Task Group on Std. 660, Shell-and-Tube Heat  
Exchangers, Addendum to 9<sup>th</sup> Edition

10:00 am – 12:00 pm

Std. 565, Joint Meeting w/SOICS

11:00 am – 3:00 pm

**Thursday, May 11, 2017**

*(Continued)*

**Heat Transfer Equipment**

*(Continued)*

Task Group on Std. 668, Brazed Aluminum Plate-Fin  
Heat Exchangers

1:00 pm – 6:00 pm

Task Group on Std. 565, Reactor Furnaces in Sulfur  
Recovery Units Ancillary Subgroup

3:00 pm – 6:00 pm

**Inspection**

Inspector Certification Exam Construction –

**Breakout 1**

*(Invited Guests Only)*

7:00 am – 5:00 pm

Inspector Certification Exam Construction –

**Breakout 2**

*(Invited Guests Only)*

7:00 am – 5:00 pm

ICP Exam Construction: 936 (Room 1)

7:00 am – 1:00 pm

ICP Exam Construction: 936 (Room 2)

7:00 am – 5:00 pm

**Cancelled**

Subcommittee on Inspection – Joint Meeting

8:00 am – 12:00 pm

**Now on Wednesday,**

**1:00 pm – 5:30 pm**

**Instrument and Control  
Systems**

Std. 565, Joint Meeting w/SCHTE

11:00 am – 3:00 pm

**Mechanical Equipment**

Task Force on Source Inspection

8:00 am – 5:00 pm

API Task Force 617, Axial Centrifugal Compressors

8:00 am – 5:00 pm

Task Force on Std. 614, Lubrication, Shaft-Sealing,  
and Oil-Control Systems and Auxiliaries

8:00 am – 5:00 pm

**Thursday, May 11, 2017**

*(Continued)*

**Pressure Relieving Systems**

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

**Refinery Equipment**

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

Friday, May 12, 2017

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## General

### *Early Morning Coffee Service*

*7:30 am – 8:30 am*

### *Mid-Morning Coffee Service*

*10:30 am – 11:00 am*

### *Afternoon Coffee Service*

*2:00 pm – 3:00 pm*

## Inspection and Mechanical Integrity

Inspector Certification Exam Construction –

### **Breakout 1**

*(Invited Guests Only)*

7:00 am – 5:00 pm

Inspector Certification Exam Construction –

### **Breakout 2**

*(Invited Guests Only)*

7:00 am – 5:00 pm

ICP Exam Construction: 936 (Room 1)

7:00 am – 1:00 pm

ICP Exam Construction: 936 (Room 2)

17:00 am – 1:00 pm

**Cancelled**

## Mechanical Equipment

API Task Force 617, Axial and Centrifugal  
Compressors

8:00 am – 5:00 pm

Task Force on Source Inspection

8:00 am – 5:00 pm

Task Force on Std. 614, Lubrication, Shaft-Sealing,  
and Oil-Control Systems and Auxiliaries

8:00 am – 5:00 pm

Saturday, May 13, 2017

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**Inspection and Mechanical  
Integrity**

Inspector Certification Exam Construction –  
**Breakout 1**

*(Invited Guests Only)*

7:00 am – 5:00 pm

Inspector Certification Exam Construction –  
**Breakout 2**

*(Invited Guests Only)*

7:00 am – 5:00 pm

ICP Exam Construction: 936

(Room 1)

7:00 am – 1:00 pm

ICP Exam Construction: 936

(Room 2)

7:00 am – 5:00 pm

**ALL SATURDAY  
MEETINGS  
CANCELLED**