

# EPERC 2019

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## ASME:

*Public Safety is in our DNA*



**Tom Costabile**  
**Executive Director/CEO**  
**ASME**



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# **ASME: A Brief Introduction**



# The ASME Mission

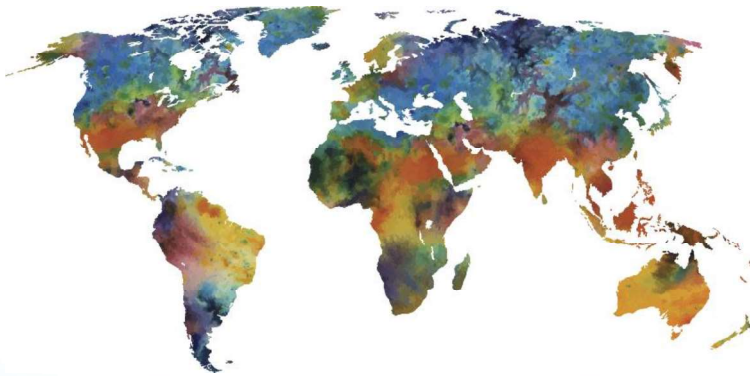
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**“To serve diverse global communities  
by advancing, disseminating and applying  
engineering knowledge  
for improving the quality of life —  
and communicating  
the excitement of engineering.”**



# How ASME Fulfills its Mission

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- Standards
- Certification
- Conformity Assessment
- Courses
- Conferences
- Publications
- ASME.org
- Education
- Membership

ASME helps the global engineering community  
develop solutions to real-world challenges



# ASME at a Glance

- **110,000+ members in 100+ countries**
  - Includes 30,000+ students
- **500+ standards in 100+ countries**
- **Offices: US – Europe – Asia**
  - HQ: New York City
  - Little Falls (NJ); Houston (TX); Washington DC
  - Brussels (EU); Beijing (China); New Delhi (India)
- **Digital Library with journals, proceedings & ASME Press e-books, including:**
  - 220,000 technical papers (~1.7 million pages)
  - ~25 conference proceedings published annually (70-100 volumes, 7,000-10,000 papers, 70,000-100,000 pages)

## ASME BY THE NUMBERS 2018

### ABOUT ASME

ASME helps the global engineering community develop solutions to real world challenges facing all people and our planet. We actively enable inspired collaboration, knowledge sharing and skills development across all engineering disciplines throughout the world, while promoting the vital role of the engineer in society.

### MISSION

ASME's mission is to serve diverse global communities by advancing, disseminating and applying engineering knowledge for improving the quality of life; and communicating the excitement of engineering.

### VISION

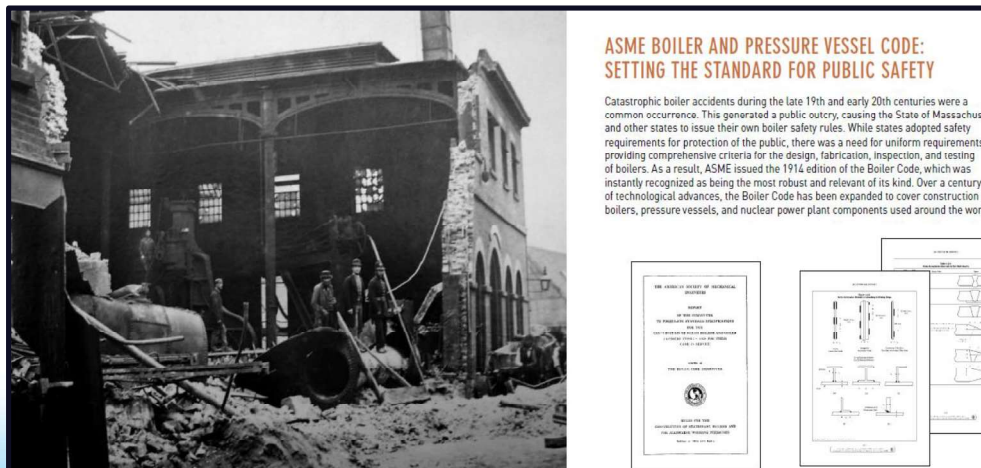
ASME aims to be the essential resource for mechanical engineers and other technical professionals throughout the world for solutions that benefit humankind.

- **ASME.org: ASME's worldwide social network:**
  - Participant groups tailored to professional interest
  - ASME contacts & networking, online activities, purchases
  - Personal dashboard provides optimizable user gateway to online experience



## History of ASME

## Setting the Standard - for Public Safety



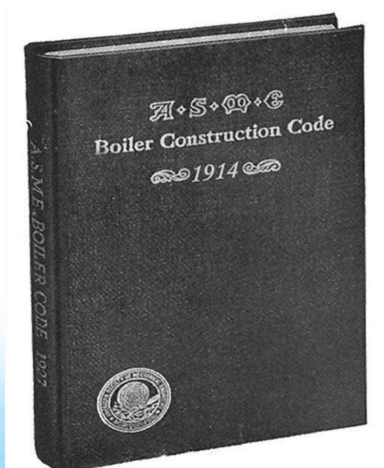
## Where We Began: Making Technology Safe for Humanity



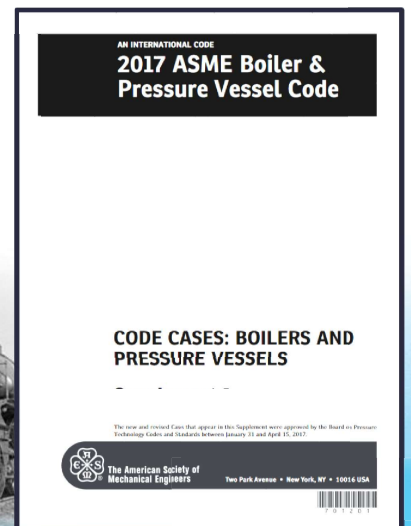
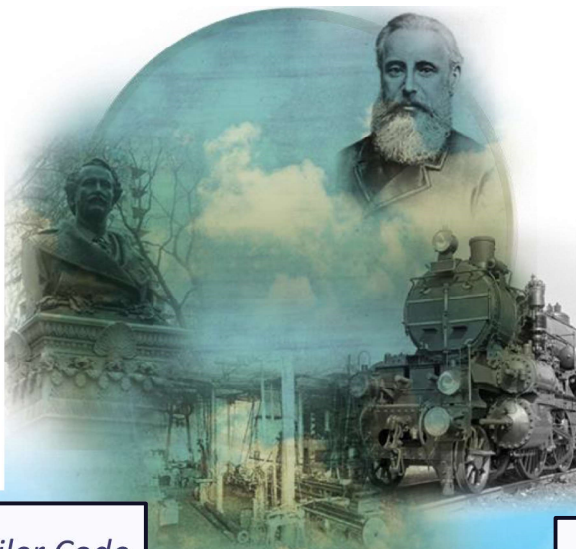


# History of ASME

*Technology Leadership Since 1880*



*Inaugural Edition of the ASME Boiler Code*



*The Tradition Continues*

# Setting the Standard

## ASME Standards - By The Numbers





# Five Strategic Technologies

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*Manufacturing*



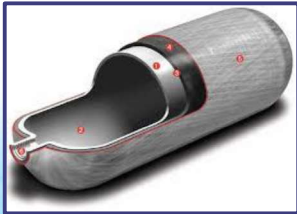
*Robotics*



*Bioengineering*



*Pressure Technology*



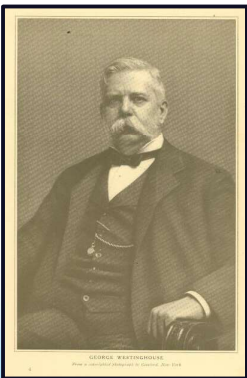
*Clean Energy*



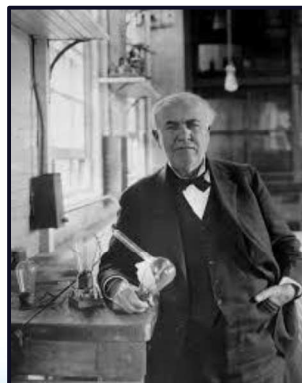
The Five Strategic Technologies were approved by ASME Board of Governors June 6, 2016

# The Tradition Continues

*Improving Technology To Improve Safety and Quality of Life*



Westinghouse



Edison

## About ASME

- ASME Foundation
- Advocacy
- Careers at ASME
- Membership
- Get Involved
- Governance
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- Standards and Certification
- Engineering History
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THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS promotes the art, science & practice of multidisciplinary engineering and allied sciences around the globe.

**"A man with a new idea is a crank until he succeeds." – Mark Twain**

**Who We Are**

ASME is a not-for-profit membership organization that enables collaboration, knowledge sharing, career enrichment, and skills development across all engineering disciplines, toward a goal of helping the global engineering community develop solutions to benefit lives and livelihoods. Founded in 1880 by a small group of leading industrialists, ASME has grown through the decades to include more than 130,000 members in 151 countries. Thirty-two thousand of these members are students.

From college students and early-career engineers to project managers, corporate executives, researchers and academic leaders, ASME's members are as diverse as the engineering community itself. ASME serves this wide-ranging technical community through quality programs in continuing education, training and



The diagram shows five interconnected circles representing ASME's core areas: Foundation (philanthropy, fundraising, engineering future), Advocacy (policy, representation, government relations), Awards (achievements, fellows, original papers), ASME News (activities in the headlines, newsmakers), and Governance (policies, officers, volunteer leadership). Each circle is accompanied by a small image related to its theme.

- ASME by the Numbers
- Annual Report
- 2016 State of Society
- ASME News
- Leadership Directory (AC-10)
- ASME Strategy

Where We Stand: Technology for Humanity



# Grazie Mille!

