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**Submission date:** 01-Jul-2021 05:43AM (UTC-0500)

**Submission ID:** 1614527250

**File name:** can\_Society\_of\_Mechanical\_Engineers\_1\_1.edited\_2\_1.edited.docx (18.01K)

**Word count:** 596

**Character count:** 3637

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**American Society of Mechanical Engineers (ASME)**

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## <sup>1</sup> American Society of Mechanical Engineers (ASME)

ASME is an American research institution that seeks to promote creativity, scientific knowledge, and practical application of cross-disciplinary engineering as well as materials science all over the world. Through continuous learning, education and training, codes of practice, experiments, conventions and articles, regulatory affairs, and other dissemination aspects. As a result, the ASME is an engineering community, a standards organization, a production and innovation authority, a lobbying group, an education, a training institution, and a nonprofit group. ASME was established in North America as nothing more than a mechanical engineering organization. Still, it has evolved into a multifunctional and global organization with over 110,000 registered members spread in over 150 nations in the world. More light will be shed in the paper to demonstrate various aspects of ASME.

Consequently, multiple breakdowns of steam boiler containment vessel Alexander Holley, Rossiter Worthington, Edison Sweet, and N. Forney established the circa 1880 (ASME, n.d). The organization has its headquarter in New York and four essential locations throughout the US and foreign branches in Brussels, China, Beijing, India, and New Delhi, Belgium. Notably, within the organizational structure, there are two institutes and 32 technical divisions. Technological activities and programming, public relations and advocacy, standardization and accreditation, and students and early career advancement are the four areas of activities categorized for volunteers. This kind of division or rather stages helps the organization be competitive as far as producing engineering professionals is concerned.

ASME publishes one of the industry's leading publications and is famous for defining mechanical device guidelines and norms. It also hosts dozens of technical conferences, professional development programs, and various promotional and educational activities annually

(ASME, n.d). ASME is one of the world's oldest standards-setting organizations. It publishes about 600 regulations and standards covering various technical topics, including adhesives, piping fittings, lifts, piping, and power station supporting infrastructure. Besides, the organizational guidelines are produced through a transparent, middle-ground procedure by panels of experts in the field. Government entities use these standards to fulfill specific regulatory goals in a variety of ways. But unless the specifications have been adopted into a legally enforceable business agreement or adopted into regulations and legislation by a body with competence, such as a government, county, or municipal government body, the standards are optional.

Just like any other organization, becoming a member of ASME, one must fulfill certain requirements. Anyone may join ASME as Professionals and a student member becoming part of a network of more than 90,000 engineers, academicians and students (ASME, n.d). Notably, ASME membership is divided into five levels to address the requirements of engineers at various phases of growth. A students member must be enrolled and working towards achieving certification in the engineering sector. Secondly is the professional member who must have a minimum of 8 years as an engineer or any other equivalent. An affiliate also exists who should be able and willing to render services to the engineering field. Besides, a fellow, on the other hand, must have attained a membership grade of distinction and not less than ten years of active practice in a subsidiary of ASME to become a member. Finally, is an honorary member who has achieved distinctive accomplishment(s) in engineering. More importantly, the membership is maintained through an annual renewal basis at a fee that varies with membership type. The honorary member, however, is not charged for renewal of membership.

### References

ASME. (n.d.). The American Society of Mechanical Engineers. <https://www.asme.org/>

ASME. (n.d.). The American Society of Mechanical Engineers. <https://www.asme.org/learning-development/about-asme-learning-development>

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