

**CHARTER, SUPPLEMENTAL  
CHARTER, BY-LAWS, AND LIST  
OF MEMBERS OF THE  
INSTITUTION OF CIVIL  
ENGINEERS**

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Charter, Supplemental Charter, By-Laws, and List of Members of the Institution of Civil Engineers by Various

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**VARIOUS**

**CHARTER, SUPPLEMENTAL  
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OF MEMBERS OF THE  
INSTITUTION OF  
CIVIL ENGINEERS**



CHARTER, 28818

SUPPLEMENTAL CHARTER,

BY-LAWS,

AND

LIST OF MEMBERS

OF

*The Institution of Civil Engineers.*

[ESTABLISHED JANUARY 2, 1818.—INCORPORATED BY ROYAL CHARTER JUNE 2, 1826.]

LONDON:

Published by the Institution,

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1887.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in the context of public administration and government operations. The text notes that such records are not only required by law but also serve as a critical tool for monitoring performance and ensuring that resources are used efficiently and effectively.

2. The second part of the document addresses the challenges associated with implementing robust record-keeping systems. It highlights that many organizations face significant obstacles, such as limited resources, outdated technology, and a lack of trained personnel. These challenges can hinder the ability to collect, store, and analyze data in a timely and accurate manner. The text suggests that addressing these issues requires a combination of investment in infrastructure and training, as well as a commitment to continuous improvement and innovation in record-keeping practices.

3. The third part of the document explores the role of technology in enhancing record-keeping processes. It discusses how digital tools and platforms can streamline data collection, storage, and retrieval, thereby reducing the risk of errors and improving the overall efficiency of the system. The text also touches upon the importance of ensuring the security and integrity of digital records, as well as the need for clear policies and procedures regarding data access and sharing.

4. The fourth part of the document focuses on the importance of data quality and accuracy. It stresses that high-quality data is essential for making informed decisions and identifying trends and patterns. The text outlines several key factors that contribute to data quality, including the use of standardized formats, regular data audits, and the implementation of data validation checks. It also emphasizes the need for clear communication and collaboration between different departments and stakeholders to ensure that data is consistently collected and maintained across the organization.

5. The fifth part of the document discusses the role of record-keeping in supporting decision-making and strategic planning. It notes that accurate and up-to-date records provide a wealth of information that can be used to analyze performance, identify areas for improvement, and develop data-driven strategies. The text also highlights the importance of ensuring that records are easily accessible and understandable to decision-makers, which may involve investing in data visualization tools and user-friendly interfaces.

6. The sixth part of the document addresses the issue of data privacy and security. It emphasizes that as organizations collect and store more data, the risk of data breaches and unauthorized access increases. The text discusses the importance of implementing strong security measures, such as encryption, access controls, and regular security audits, to protect sensitive information. It also notes that organizations must be transparent about their data handling practices and comply with relevant data protection regulations.

7. The seventh part of the document discusses the importance of record-keeping in the context of legal and regulatory requirements. It notes that many organizations are subject to strict laws and regulations regarding the collection, storage, and disposal of records. The text emphasizes the need for organizations to stay up-to-date on these requirements and ensure that their record-keeping practices are fully compliant. It also discusses the importance of maintaining accurate records for legal and regulatory purposes, as well as the potential consequences of non-compliance.

8. The eighth part of the document discusses the role of record-keeping in promoting transparency and accountability. It notes that accurate and accessible records are essential for ensuring that organizations are held accountable for their actions and that the public has access to the information it needs to make informed decisions. The text emphasizes the importance of implementing clear policies and procedures regarding record-keeping and ensuring that these policies are consistently followed across the organization.

9. The ninth part of the document discusses the importance of record-keeping in the context of organizational culture and values. It notes that a strong commitment to record-keeping is often a reflection of an organization's values and its dedication to transparency and accountability. The text emphasizes the importance of fostering a culture of record-keeping, where employees are encouraged to maintain accurate records and where record-keeping is seen as a key part of the organization's identity.

10. The tenth part of the document discusses the future of record-keeping and the challenges that lie ahead. It notes that as technology continues to advance and the volume of data generated increases, organizations will face new challenges in managing their records. The text discusses the importance of staying up-to-date on the latest trends and technologies in record-keeping and the need for organizations to be proactive in addressing these challenges. It also emphasizes the importance of maintaining a focus on the core principles of accuracy, transparency, and accountability in all record-keeping activities.

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and processing, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the data remains reliable and secure throughout its lifecycle.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data management processes remain effective and aligned with the organization's goals.





**CHARTER.**

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CHARTER

OF

The Institution of Civil Engineers.

INCORPORATED JUNE 3, 1828.

GEORGE THE FOURTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland King, Defender of the Faith: To all to whom these Presents shall come, Greeting:

WHEREAS THOMAS TELFORD, of Abingdon Street, in our city of Westminster, Esquire, a Fellow of the Royal Societies of London and Edinburgh, and others of our loving subjects, have formed themselves into a Society for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer, being the art of directing the great sources of power in Nature for the use and convenience of man, as the means of production and of traffic in states both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange, and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce, and in the construction and adaptation of machinery, and in the drainage of cities and towns: And have subscribed and collected considerable sums of money for those purposes: And We have been besought to grant to them, and to those who shall hereafter become members of the same Society, our Royal Charter of Incorporation, for the purposes aforesaid: Now know YE, that We, being desirous of encouraging a design so laudable

The nature and  
object of the  
Society.