

**THE RISKS AND DANGERS  
OF VARIOUS  
OCCUPATIONS, AND  
THEIR PREVENTION**

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The Risks and Dangers of Various Occupations, and Their Prevention by Leonard A. Parry

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**LEONARD A. PARRY**

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BY  
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## P R E F A C E

THIS work is intended mainly for the perusal of employers of labour, foremen, and intelligent workmen. It is hoped it may also be useful to sanitary inspectors, and even on occasion perhaps to medical men. It deals with the risks and dangers (the essential risks and dangers only, those incidental to the occupations) of most of the important industries of this country, their mode of onset, a few of the chief symptoms which may give the workman a note of warning, and the measures which may be taken both by employers and employed to prevent them. The language throughout is strictly simple, and only terms which can be readily understood by any fairly educated individual have been made use of. No scientific classification has been attempted, the various trades being arranged in the form which appears to me most likely to be of practical use. Many of them are referred to under two or more headings, cross references are made when necessary, and thus needless repetition saved.

I must here record my thanks to my brother, Mr. E. J. Parry, B.Sc., F.I.C., for hints on several points of chemistry.

L. A. PARRY.

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. This section outlines the various methods and tools used to collect, store, and analyze data, ensuring that information is readily accessible and reliable.

2. The second part of the document focuses on the challenges and opportunities associated with digital transformation. It explores how emerging technologies, such as artificial intelligence, cloud computing, and big data, are reshaping the way organizations operate. While these technologies offer significant benefits in terms of efficiency and innovation, they also present new risks and challenges, such as data privacy concerns and the need for robust cybersecurity measures. The document provides a comprehensive overview of these issues and offers practical recommendations for navigating the digital landscape.

3. The third part of the document addresses the role of leadership in driving organizational success. It discusses the importance of clear communication, strategic vision, and effective decision-making. Leaders are encouraged to foster a culture of collaboration and innovation, where team members are empowered to take initiative and contribute to the organization's goals. This section also highlights the need for continuous learning and development, as the business environment evolves rapidly and demands new skills and knowledge.

4. The fourth part of the document examines the impact of external factors on organizational performance. It discusses the influence of market trends, regulatory changes, and global events on business operations. Organizations are advised to stay informed about these external factors and to develop flexible strategies that can adapt to changing circumstances. This section also emphasizes the importance of building strong relationships with stakeholders, including customers, suppliers, and regulatory bodies, to ensure long-term success and sustainability.

5. The fifth and final part of the document provides a summary of the key findings and recommendations. It reiterates the importance of accurate record-keeping, digital transformation, effective leadership, and adaptability to external changes. The document concludes by encouraging organizations to embrace a proactive and forward-thinking mindset, as this is essential for thriving in a competitive and dynamic environment.



# CONTENTS

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## CHAPTER I.

	PAGE
OCCUPATIONS WHICH ARE ACCOMPANIED BY THE GENERATION AND SCATTERING OF ABNORMAL QUANTITIES OF DUST . . . . .	1

## CHAPTER II.

TRADES IN WHICH THERE IS DANGER OF METALLIC POISONING . . . . .	43
---	----

## CHAPTER III.

CERTAIN CHEMICAL TRADES . . . . .	107
-----------------------------------	-----

## CHAPTER IV.

SOME MISCELLANEOUS OCCUPATIONS . . . . .	121
--	-----

## CHAPTER V.

TRADES IN WHICH VARIOUS POISONOUS VAPOURS ARE INHALED . . . . .	168
---	-----

## CHAPTER VI.

GENERAL HYGIENIC CONSIDERATIONS . . . . .	179
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INDEX . . . . .	193
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CHAPTER I.

OCCUPATIONS WHICH ARE ACCOMPANIED BY THE  
GENERATION AND SCATTERING OF ABNORMAL  
QUANTITIES OF DUST.

Dusty Occupations in General—Coal Miners—Sweeps, Coalheavers, and Trimmers—Lead, Copper, and Tin Miners—Quarrymen—Masons, Builders, and Bricklayers—Sheffield Trades—Electroplaters—Mother-of-Pearl Makers—Pottery Makers—Cement Makers—The Textile Industries (Wool, Shoddy, Cotton, Linen, Jute, Hemp, Rope, Coconut Fibre, Fustian Clothing, Silk)—Brush Makers—Wood, Horn, and Ivory Makers—Artificial Flower Makers—Paper and Wall-paper Manufacture—Flour Makers, Bakers, and Confectioners—Flint Millers—Sand and Glass Paper Makers—Makers of Silicate of Cotton—Grinders of Basic Slag.

OCCUPATIONS INVOLVING THE INHALATION OF ABNORMAL  
QUANTITIES OF DUST.

IN practically every occupation a certain quantum of dust is produced, varying from a minute, almost imperceptible quantity, the effects of which are of no importance, up to an amount so large as to be readily appreciable by the worker,