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Titolo	Rules of thumb in engineering practice [[electronic resource] /] / Donald R. Woods
Pubbl/distr/stampa	Weinheim, : Wiley-VCH Chichester, : John Wiley [distributor], c2007
ISBN	1-280-92176-5 9786610921768 3-527-61111-8 3-527-61112-6
Descrizione fisica	1 online resource (480 p.)
Disciplina	620.002 620.004
Soggetti	Engineering - Methodology Civil engineering - Vocational guidance Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Rules of Thumb in Engineering Practice; Contents; Preface; 1 Rules of Thumb; 1.1 Rules of Thumb about Process Equipment; 1.2 Rules of Thumb about the Context for a Chemical Process: Physical and Thermal Properties; 1.3 Rules of Thumb about the Context for a Chemical Process: Corrosion; 1.4 Rules of Thumb about the Context for a Chemical Process: Process Control (based on communication from T.E. Marlin, McMaster University, 2001); 1.5 Rules of Thumb about the Context for a Chemical Process: Batch versus Continuous 1.6 Rules of Thumb about the Context for a Chemical Process: Heterogenous Phase contacting1.6.1 GL Systems; 1.6.2 LL Systems; 1.6.3 GLS Systems; 1.6.4 Particulate Systems; 1.7 Rules of Thumb about the Context for a Chemical Process: Economics; 1.8 Rules of Thumb about the Thinking Process: Problem Solving and Creativity; 1.9 Rules of Thumb about the Thinking Process: Goal Setting; 1.10 Rules of Thumb about the Thinking Process: Decision Making; 1.11 Rules of Thumb about the Thinking Process: Thermal Pinch; 1.12 Rules of

Thumb about the Thinking Process: "Systems" Thinking

1.13 Rules of Thumb about the Thinking Process: Design
1.14 Rules of Thumb about the Thinking Process: Process Improvement;
1.15 Rules of Thumb about the Thinking Process: Trouble Shooting;
1.16 Rules of Thumb about the Thinking Process: Environment, Waste Minimization, Safety;
1.17 Rules of Thumb about the People Part of Engineering: Communication;
1.18 Rules of Thumb about the People Part of Engineering: Listening;
1.19 Rules of Thumb about the People Part of Engineering: People Skills;
1.20 Rules of Thumb about the People Part of Engineering: Team and Group Skills

1.21 Rules of Thumb about the Context in Which We Function:

Performance Review
1.22 Rules of Thumb about the Context in Which We Function: Leadership;
1.23 Rules of Thumb about the Context in Which We Function: Entrepreneurship (based on Valikangas, 2003 and Cooper, 1987);
1.24 Rules of Thumb about the Context in Which We Function: Entrepreneurship;

1.25 Rules of Thumb about the Context in Which We Function: e-Business;
1.26 Rules of Thumb about Mentoring and Self-management;

1.27 Summary; 2 Transportation; 2.1 Gas

Moving: Pressure Service; 2.2 Gas Moving: Vacuum Service; 2.3 Liquid

2.4 Gas-Liquid (Two-phase Flow) 2.5 Pumping Slurries: Liquid-Solid

Systems; 2.6 Solids; 2.7 Ducts and Pipes; 3 Energy Exchange; 3.1

Drives; 3.2 Thermal Energy: Furnaces; 3.3 Thermal Energy: Fluid Heat

Exchangers, Condensers and Boilers; 3.4 Thermal Energy: Fluidized Bed

(Coils in Bed); 3.5 Thermal Energy: Static Mixers; 3.6 Thermal Energy:

Direct Contact L-L Immiscible Liquids; 3.7 Thermal Energy: Direct

Contact G-L Cooling Towers; 3.8 Thermal Energy: Direct Contact G-L

Quenchers; 3.9 Thermal Energy: Direct Contact G-L Condensers

3.10 Thermal Energy: G-G Thermal Wheels and Pebble Regenerators

and Regenerators

Sommario/riassunto

An immense treasure trove containing hundreds of equipment symptoms, arranged so as to allow swift identification and elimination of the causes. These rules of thumb are the result of preserving and structuring the immense knowledge of experienced engineers collected and compiled by the author - an experienced engineer himself - into an invaluable book that helps younger engineers find their way from symptoms to causes. This sourcebook is unrivalled in its depth and breadth of coverage, listing five important aspects for each piece of equipment: * area of application * sizing guideli

2. Record Nr.	UNINA9910298496203321
Autore	Linde Bennie
Titolo	The Value of Wellness in the Workplace : A Perspective of the Employee-Organisation Relationship in the South African Labour Market // by Bennie Linde
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2015
ISBN	981-287-402-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (71 p.)
Collana	SpringerBriefs in Economics, , 2191-5504
Disciplina	306 306.3 330 331 344.01 344.03 658.1 658.3
Soggetti	Labor economics Quality of life Economics - Sociological aspects Labor laws and legislation Personnel management Organization Planning Labor Economics Quality of Life Research Organizational Studies, Economic Sociology Labour Law/Social Law Human Resource Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: Work Wellness in South Africa - A History of Change -- 1.1: Introduction -- 1.2: South Africa's changing labour relations system --

1.3: The employee-organisation relationship and wellness -- Chapter 2: The Psychological Contract -- 2.1: The psychological contract as part of the employee-organisation relationship (EOR) -- 2.2: Breach and violation of the psychological contract -- 2.3: Employee and employer obligations -- 2.4: Influence of the social context on the psychological contract -- Chapter 3: The Employment Relationship -- 3.1: The employment relationship as part of the labour relations system -- 3.2: Employment Regulations -- 3.3: The South African approach to labour relations -- 3.4: Experience of employment regulations -- 3.4.1: Availability -- 3.4.2: Ascertainment -- 3.4.3: Understanding -- 3.4.4: Acceptance -- 3.4.5: Trust in application and consistency -- Chapter 4: The Economic Impact of Wellness -- 4.1: The cost of wellness -- 4.2: Individual work wellness and its cost -- 4.2.1: The psychological contract and wellness -- 4.2.2: Job satisfaction -- 4.2.3: Job insecurity -- 4.3: Relational work wellness and its cost -- 4.4: Link between industrial actions with wellness -- 4.4.1: Marikana massacre -- 4.4.2: Western Cape farmworkers' strike -- 4.4.3: Platinum mine strikes 2014 -- 4.4.4: Proposed link between industrial action and wellness -- 5: Conclusion -- 5.1: Conclusions -- 5.2: Implications of the research -- 5.3: Proposed integrated work wellness model -- 5.4: Practical implications -- 5.5: Theoretical implications.

Sommario/riassunto

This book examines the links between employee-organisation relationships, work wellness and the impact thereof on the labour market from a South African perspective. By employing this focus, the book explains the role of the employment relationship and the psychological contract in improving work wellness. To do so, it reviews the establishment and management of contracts in the context of labour relations at South African organisations. The studies presented focus on a range of topics, from individual wellness, the employment relationship and psychological contract, to relational wellness, the broader labour approach, and industrial action. The book presents a structural framework from an individual and labour relational perspective that links the employee-organisation relationship with wellness and its economic value, making it of interest to general and financial managers seeking to better grasp the link between work wellness and its financial implications.
