Developing an Effective Safety Culture

A Leadership Approach



James E. Roughton James J. Mercurio



Developing An Effective Safety Culture A Leadership

Dr. Bipin Saxena

Developing An Effective Safety Culture A Leadership:

Developing an Effective Safety Culture James Roughton, James Mercurio, 2002-03-25 Developing an Effective Safety Culture implements a simple philosophy namely that working safely is a cultural issue An effective safety culture will eventually lead to the desired goal of zero incidents in the work place and this book will provide an understanding of what is needed to reach this goal The authors present reference material for all phases of building a safety management system and ultimately developing a safety program that fits the culture This volume offers the most comprehensive approach to developing an effective safety culture Information is easily accessible as the authors move first through understanding the cost of incidents then to perspectives and descriptions of management systems principal management leadership traits establishing and evaluating goals and objectives providing visible leadership and assigning required responsibilities In addition you are given the means to systematically identifying hazards and develop your own hazard inventory and control system Further information on OSHA requirements for training behavior based safety processes and the development of a job hazard analysis for each task is available as well Valuable case studies from the authors own experience in the industry are used throughout to demonstrate the concepts presented Provides the tools to rebuild or enhance a desired safety culture Allows you to identify a program that will fit your specific application Examines different philosophies in relation to safety Developing an Effective Safety Culture James E. Roughton, James J. Mercurio, 2002 Described how to culture development implement an effective safety culture that will lead to the desired goal of zero incidents in the work place **Safety Culture** James Roughton, Nathan Crutchfield, 2013-08-07 Current safety and risk management guidelines necessitate that organizations develop and formally manage their understanding and knowledge of the standards and protocols of risk management The impact of communication and human performance on the identification and control of hazards and associated risk must be addressed in a structured manner This core reference provides a complete guide to creating a comprehensive and effective safety culture Safety Culture is a reference for safety and risk professionals and a training text for corporate based learners and students at university level The book will keep safety and risk management professionals up to date and will provide the tools needed to develop consistent and effective organizational safety protocols How to develop a foundation to improve the perception of safety analyze the organizational culture and its impact on the safety management system and review the importance of developing a influential network Provides a format for establishing goals and objectives discusses the impact of leadership on the safety management system and the roles and responsibilities needed as well as methods to gain employee participation Tools to enhance the safety management system the education and training of employees how to assess the current safety management system and the process of curation is introduced OSHA 2002 Recordkeeping Simplified James Roughton, 2003 Employers Subject To OSHA Recordkeeping Requirements The Mechanics Of OSHA Recordkeeping Location Retention And Maintenance Of Records Employer Decision making Analysis Of

Recordability Of Case Evaluating The Extent Of Recordable Cases Employer Obligations For Reporting Occupational Injuries And Illnesses Access To OSHA Records And Penalties For Failure To Comply With Recordkeeping Obligations Recordkeeping Summary General Citations Glossary of Terms Sample Recordkeeping And Reporting Forms Selected Illnesses Which May Result From Exposure In The Work Environment Participating State Agencies United States Department Of Labor Occupational Safety And Health Administration Regional Offices Flow Charts Summary of Changes Index Analysis James Roughton, Nathan Crutchfield, 2011-04-08 Job Hazard Analysis A Guide for Voluntary Compliance and Beyond presents a new and improved concept for Job Hazard Analysis JHA that guides the reader through the whole process of developing tools for identifying workplace hazards creating systems that support hazard recognition designing an effective JHA and integrating a JHA based program into occupational safety and health management systems The book goes beyond the traditional approach of focusing just on the sequence of steps and demonstrates how to integrate a risk assessment and behavioral component into the process by incorporating elements from Behavior Related Safety and Six Sigma This approach allows businesses to move from mere compliance to pro active safety management This book methodically develops the risk assessment basis needed for ANSI AIHA Z10 and other safety and health management systems It is supported by numerous real life examples end of chapter review questions sample checklists action plans and forms There is a complete online solutions manual for instructors adopting the book in college and university occupational safety and health courses This text is intended for lecturers and students in occupational safety and health courses as well as vocational and degree courses at community colleges and universities It will also appeal to safety and health professionals in all industries supervisors senior managers and HR professionals with responsibility for safety and health and loss control and insurance professionals Enhances the JHA with concepts from Behavior Related Safety and proven risk assessment strategies using Six Sigma tools Methodically develops the risk assessment basis needed for ANSI AIHA Z10 and other safety and health management systems Includes numerous real life examples end of chapter review questions sample checklists action plans and forms

ASP Associate Safety Professional Exam Prep Toby Moreno, 2025-11-05 Are you ready to take the next big step in your safety career and earn your Associate Safety Professional ASP certification but unsure where to start The ASP Associate Safety Professional Exam Prep is your ultimate roadmap to mastering every domain of the ASP exam Designed for aspiring and practicing safety professionals this comprehensive and practical guide equips you with the knowledge strategies and confidence you need to pass the exam and excel in your safety career This book covers all BCSP Board of Certified Safety Professionals ASP exam domains in depth including Safety management systems and leadership principles Risk assessment hazard control and emergency preparedness Environmental protection and regulatory compliance OSHA ANSI NFPA ISO 45001 Industrial hygiene fire prevention and occupational health fundamentals Applied math and science for safety calculations and problem solving Communication training and incident investigation best practices Each chapter blends real

world applications with core theoretical knowledge helping you not only memorize facts but truly understand how to apply safety concepts in the workplace With 200 practice questions and detailed explanations you ll reinforce your learning and develop the analytical mindset necessary to succeed on exam day Whether you re new to safety or advancing toward the Certified Safety Professional CSP credential this guide will help you master essential principles interpret complex standards and think critically under exam conditions It's written in clear engaging language ideal for both independent learners and professionals balancing full time work with exam preparation What You ll Gain A complete up to date ASP exam preparation resource Step by step guidance through each domain and competency Proven study and test taking strategies Confidence to analyze scenarios identify root causes and make safety driven decisions A strong foundation for career growth and CSP advancement The ASP Associate Safety Professional Exam Prep isn t just an exam prep book it s a professional companion designed to strengthen your safety knowledge leadership ability and technical expertise Take control of your certification journey Master the material Pass the ASP exam with confidence and become the safety leader every organization needs Perfect for Safety coordinators supervisors engineers and EHS professionals preparing for the ASP exam or seeking to advance their careers in occupational health and safety Get your copy today and start your journey toward becoming a certified safety professional and a champion of workplace safety excellence "A Comprehensive Guide on Project Safety and Building Science": (For Construction Management Professionals, Structural Engineers, Green Building Consultants, Fire and Safety Audit Professionals and for Real Estate Developers Dr. Bipin Saxena, 2025-07-22 PrefaceSafety management has become an indispensable aspect of project execution in today s rapidly evolving industries The inherent complexities and risks associated with modern projects demand a more structured and systematic approach to safety This book titled as A Comprehensive Guide on Project Safety and Building Science For Construction Management Professionals Structural Engineers Green Building Consultants Fire and Safety Audit Professionals and for Real Estate Developers is designed to provide professionals with the knowledge tools and strategies to successfully integrate safety into every phase of a project from concept to completion The objective of this guide is to create a solid foundation for understanding the critical role safety plays in project management This book is the culmination of decades of experience across various sectors from military operations to complex project management in civilian industries Having witnessed firsthand the critical importance of safety the author aims to provide a resource that blends theoretical knowledge with practical insights enabling professionals to implement effective safety management systems in their respective fields A Comprehensive Guide for Project Safety and Building Science is structured to cover every facet of safety management that a project professional may encounter The topics within this book have been carefully curated to offer a holistic view of project safety guiding readers through the essential principles legislation and best practices needed to mitigate risks and foster a culture of safety The book begins with Chapter 1 Introduction to Project Safety Management offering a broad overview of the

principles and importance of embedding safety practices in project lifecycles Moving on to Chapter 2 Safety Legislation and Standards the readers will gain a deeper understanding of the regulatory frameworks and international standards that govern safety in projects It is essential for project professionals to remain compliant with these laws to avoid legal consequences and ensure operational safety In Chapter 3 Safety Planning in Projects we explore how to develop and implement robust safety plans while Chapter 4 Risk Management provides insight into identifying assessing and mitigating risks before they escalate into incidents In Chapter 5 Safety in Design and Construction emphasizes the importance of integrating safety considerations at the earliest stages of a project ensuring that risk reduction is built into the design and construction process itself Further moving into the organizational aspect Chapter 6 Safety Management Plan SMP Development Human Factors in Safety and Workplace Design we look at how human behavior ergonomics and organizational culture can impact safety outcomes The human element being a critical component of safety management has been discussed here Chapter 7 covers the Job Safety Analysis in which the readers are introduced to the structured frameworks used by industries to manage safety and improve performance chapter 8 Safety Communication and Training focuses on equipping teams with the knowledge and communication tools to ensure safety protocols are effectively conveyed and understood at all levels of a project while in Chapter 9 Building Management System and the Future challenges we explore new technologies methodologies and trends shaping the future of safety management and finally Chapter 10 deals with the Incident Management and Investigation to analyze and act for broader safety issues Additionally Case Studies and Projects Assessments provide real world examples of safety management successes and failures helping readers understand the practical application of theoretical concepts It serves as a capstone encouraging readers to apply what they ve learned through a practical assessment This book is intended to be a comprehensive resource blending theoretical foundations with practical applications The goal is to empower professionals to create safer more efficient and legally compliant projects so that this book becomes an invaluable source to serves as a reliable go to resource for both seasoned professionals and for those new to the field equipping them with the knowledge tools and strategies to prioritize safety at every stage of a project In writing this guide I am deeply committed to the idea that safety is not just a regulatory requirement but a moral obligation and a key determinant of project success By following the principles laid out in this book I believe we can make significant strides toward ensuring safer workplaces and project environments across the globe I would like to extend my gratitude to the professionals and subject matter experts whose insights and experiences have shaped this work I hope this book will not only serve as a reference but also inspire a stronger commitment to safety across industries Leadership Development for Interprofessional Education and Collaborative Practice D. Forman, M. Jones, J. Thistlethwaite, 2014-02-04 Leadership Development of Interprofessional Education and Collaborative Practice is an edited compilation of chapters written by international medical and health professional experts The book provides historical and current perspectives on leadership in

healthcare <u>Developing Effective Safety Systems</u> Ian G. Wallace, 1995 This work presents the key factors in achieving a high standard of safe operations First the principles and standards are set out then the necessary training followed by motivation and creation of a safety culture The book goes on to consider hazards and risk levels safe systems of work occupational health hazards safety audits planning for emergencies the safety management system and more Detailed checklists and charts provide practical guidance throughout Naked Safety Andrew Sharman, 2018-07-17 Workplace safety has never been seen as sexy clever or cool Fraught with legislative hurdles ambiguous policy and complex procedures despite its alleged importance safety has lost its way For many organisations safety is seen as burdensome and bureaucratic and has become little more than paperwork and performance charts things done in fear of persecution from the authorities the media or the civil arena rather than doing the right thing To change the game and build real risk literacy it s vital to make things easier to strip things back to basics and think again about how we work This is Naked Safety Encouraging the reader to step outside their comfort zone this book demystifies workplace safety challenging traditional views and catalysing critical thought and high impact action With narratives on the central pillars of workplace safety including risk management legal frameworks performance governance leadership and culture as well as perspectives on key issues that affect safety and business more broadly such as worker wellbeing employee engagement the impact of globalisation corporate social responsibility sustainability and the role of the safety practitioner Naked Safety features over 100 actions to bring about positive sustainable organisational change This book is a useful multi purpose guide for professionals an indispensable toolkit for practitioners business leaders and anyone with an interest in workplace risk and Occupational Safety and Health Let's get **The Other Side of Safety** Robert Palmer, 2022-11-18 The problem with the way the safety industry functions is Naked three fold 1 the dysfunctional relationship between business and safety leaders 2 the practice of Results Based Safety and 3 the creation of a false reality This book presents an insightful and practical approach to how you can move your safety program from Results Based to Behavior Based Safety The move involves understanding what motivates behavior utilization of consequences practicing the seven steps of performance coaching creating accurate safety campaigns and defining evidence of a healthy Behavior Based Safety program this is the other side of safety The text Defines the four major motivations explains how they work and how safety leaders can use the right motivation for the right person to help them practice safe behavior Explains how to maximize the impact of reinforcement consequences and minimize punitive consequences in a way that is alingned with an individual s motivation Implements the seven steps of performance coaching conversations how safety and business leaders can model fluency and frequency to shape behavior to habit strength Provides clearly defined evidence of a healthy Behavior Based safety program by measuring outcome like locus of control self esteem self efficacy and self actualization Highlights the distinction between Results Based Safety RBS anecdotal practices from the science of Behavior Based Safety BBS methodology Showcases how the distinct difference between a mechanistic and

organic culture and how the four phenomena can be utilized to drive safety culture on purpose Discusses the importance of expanding from lagging indicators to leading indicators for robust metrics and predictability Addresses how the significant negative impact of telling people what to do and re focuses on coaching people on what to think The book provides definitions examples and applications that focus on how safety and business leaders can influence the behavior of people impact their culture and support healthy relationships It will serve as an ideal text for students professionals and researchers in the fields of ergonomics human factors human computer interaction industrial organizational psychology and computer Management and Leadership for Nurse Administrators Linda A. Roussel, Patricia L. Thomas, James L. Harris, 2022-08-05 Management and Leadership for Nurse Administrators Ninth Edition provides a comprehensive overview of key management and administrative concepts critical to leading healthcare organizations and ensuring patient safety and quality care The text prepares nursing students and professional administrators to lead a workplace that is rapidly evolving due to technology culture and changes in the U S healthcare system **Process Safety** James A. Klein, Bruce K. Vaughen, 2017-06-01 Effective process safety programs consist of three interrelated foundations safety culture and leadership process safety systems and operational discipline designed to prevent serious injuries and incidents resulting from toxic releases fires explosions and uncontrolled reactions Each of these foundations is important and one missing element can cause poor process safety performance Process Safety Key Concepts and Practical Approaches takes a systemic approach to the traditional process safety elements that have been identified for effective process safety programs More effective process safety risk reduction efforts are achieved when these process safety systems based on desired activities and results rather than by specific elements are integrated and organized in a systems framework This book provides key concepts practical approaches and tools for establishing and maintaining effective process safety programs to successfully identify evaluate and manage process hazards It introduces process safety systems in a way that helps readers understand the purpose design and everyday use of overall process safety system requirements Understanding what the systems are intended to achieve understanding why they have been designed and implemented in a specific way and understanding how they should function day to day is essential to ensure continued safe and reliable operations **Safety-Centric Operations** Research: Innovations and Integrative Approaches Mohammad Yazdi, 2025-02-16 This book offers a pioneering exploration into the integration of safety considerations with operations research providing a vital toolkit for enhancing decision making processes in hazardous industries It delivers comprehensive insights and innovative methodologies to foster safety centric planning and operations across various sectors As the complexities of modern industries increase so does the potential for operational risks This book addresses this challenge by merging rigorous safety analysis with the quantitative sophistication of operations research This book aims to create safer working environments and more resilient operational frameworks The book is divided into several key sections each focusing on different aspects of operations research applied to

safety Initial chapters lay a theoretical foundation discussing mathematical models and statistical methods that prioritize safety Subsequent sections delve into specific applications within supply chain management transportation logistics and production planning illustrating how these methods can be practically applied to reduce risks and enhance operational safety Advanced topics covered include the application of machine learning and artificial intelligence to predict and mitigate potential hazards and the use of simulation techniques to model and manage operational risks Real world case studies are presented to show the practical implementation of these theories in industries such as manufacturing health care and energy providing readers with actionable insights and proven strategies Additionally the book examines the cultural and behavioral aspects of safety in operations emphasizing the importance of building a robust safety culture and integrating human factors into safety planning Ethical and regulatory dimensions are also explored to guide practitioners in navigating the complex legal landscapes that govern safety in various industries This book is an essential resource for students researchers and professionals in operations research and management especially those involved in planning and executing operations in safety critical sectors It is particularly relevant for those who aim to blend technical proficiency with practical safety solutions to solve real world challenges in operations management Practical Airport Operations, Safety, and Emergency Management Jeffrey Price, Jeffrey Forrest, 2016-02-09 Practical Airport Operations Safety and Emergency Management Protocols for Today and the Future focuses on the airport itself not the aircraft manufacturers designers or even the pilots The book explores the safety of what s been called the most expensive piece of pavement in any city the facility that operates maintains and ensures the safety of millions of air passengers every year The book is organized into three helpful sections each focusing on one of the sectors described in the title Section One Airport Safety explores the airport environment then delves into safety management systems Section Two Airport Operations continues the conversation on safety management systems before outlining airside and landside operations in depth while Section Three Airport Emergency Management is a careful detailed exploration of the topic ending with a chapter on the operational challenges airport operations managers can expect to face in the future Written by trusted experts in the field users will find this book to be a vital resource that provides airport operations managers and students with the information protocols and strategies they need to meet the unique challenges associated with running an airport Addresses the four areas of airport management safety operations emergency management and future challenges together in one book Written by leading professionals in the field with extensive training teaching and practical experience in airport operations Includes section on future challenges including spaceport unmanned aerial vehicles and integrated incident command Ancillary materials for readers to reinforce concepts and instructors teaching operations courses Focuses on the topics of safety operations emergency management and what personnel and The empirical design of a Safety Culture Maturity students studying the topic can expect to face in the future <u>Development Model</u> Marcell Greeff, 2023-05-17 This book outlines the research of Dr Marcell Greeff that has developed a

Safety Culture Maturity Development Model SCMDM for companies to measure and improve their organizational safety culture The research followed an empirical design with a positivist philosophy and a mixed methodology approach therefore using a survey in a cross sectional time frame. The author critically reviewed existing literature and confirmed that there is no clear understanding of how to design a SCMDM as well as what safety elements factors to include in a SCMDM in order to measure this The benefits of a good safety culture are well documented and as a result there are many case studies available on the benefits and costs of occupational health and safety Adopting a good safety culture SC seeds the foundation of strategic competitive advantages for businesses in the contemporary corporate landscape The lack of a good safety culture could be catastrophic and there are many recent examples including the Grenfell Tower fire incident in London UK on 14 June 2017 or the well known 1986 Chernobyl disaster where the term Safety Culture first made its appearance in the 1987 OECD Nuclear Agency report Marcell found that it is the case in many countries and industries that there is no unified consolidated or government mandated mechanism that UAE Utility companies can use to operationalize SC to positively influence the safety performance of their businesses and identify specific actions to improve their safety culture with regards to the SCMDM he designed There is ample research to support this research topic which also confirms a clear link to theory The author's SCMDM provides an organisation with a simple understanding of the current level of their SC and will also give them data that will allow better insights into some of the basic assumptions underlying a company s SC He investigated the design history of popular and influential SCMDM s and their practical implementation today for the blueprint of his SCMDM The models reviewed originated from both quality and organizational development models as well as capability maturity models The author's SCMDM was designed to allow organisations to understand their level of safety culture maturity by assessing the level of compliance with various key elements factors of SC across several stages that represents different levels of maturity The elements factors affecting SC were critically reviewed and confirmed as Safety Management Systems SMS Management Commitment MCM and Employee Involvement EI in essence selected as independent variables for the study with Safety Culture SC as the dependant variable Four appropriate sub factors dimensions were identified for every element factor and a total of 16 sub factors were included in the SCMDM The author developed his SCMDM into a quantitative research questionnaire with a 5 point Likert scale format as a data collection tool that is matching the 5 levels of SC maturity to assess the level of SC maturity in UAE Utilities Any company can use this SCMDM to progress and develop its SC maturity through the 5 stages of Culture Maturity starting on a journey from emerging the lowest SC maturity level to managing stage then to involvement level to cooperation and finally reaching the highest maturity level continuous improvement for every element factor mentioned above and the 16 sub factors. The researcher's SCMDM quantitative research questionnaire was distributed to 500 UAE Utility industry staff to complete of which 386 responded Primary data was collected and coded as per the prescribed scheme for quantitative analysis through SPSS 21 The two different types of

tests that were run on the coded primary data was Frequency Analysis tests and Hypothesis tests Frequency Analysis tests included Skewness and Kurtosis Pearson's Correlation Analysis Coefficient Kaiser Meyer Olkin KMO and Bartlett's Test Exploratory Data Statistical Analysis EFA to calculate the eigenvalues for a Scree Plot Principal Component Analysis and Rotation method Varimax with Kaiser normalization The Hypothesis tests included Multiple Linear Regression Analysis Independent Samples t test with the help of SPSS 21 and One Way ANOVA in SPSS 21 Based on the statistical test results it was statistically proven that SMS MCM and EI does in fact impact SC in UAE Utilities further validating the SCMDM The comprehensive analysis of the case study that was conducted qualitative interviews validated the findings of the quantitative data frequency analysis outlined above In conclusion the findings of the primary research conducted for this study are completely in synchronization with those of existing literature and the quantitative findings. The effect of the main factors is existing literature and the quantitative findings. EI MCM and SMS is computed to be statistically and qualitatively established in order to be valid and significant The findings of the study based on both qualitative and quantitative assessments established that the average of each safety subfactor is equal to 4 and in terms of the SCMDM are in the fourth stage meaning that the safety culture of the UAE s utility industry is currently in the cooperation stage Detailed recommendations on how to progress beyond this cooperation stage 4 are discussed in this book as well as implications of its findings and recommendations for future research Safety Management Anand R,2024-01-26 The Psychology of Safety serves as a complete resource that delves into the intricate psychological dimensions of workplace safety This encompassing book explores various facets including motivation training and development leadership behaviour safety culture and the concept of integrity within an organisation The text delves into the examination of psychological principles behind safety behaviours alongside an exploration of the diverse obstacles encountered in the context of workplace safety Additionally the book offers pragmatic guidance and tactics that can be employed to mitigate hazards and enhance workplace security. The literature examines the impact of safety perceptions on workplace attitudes motivation and behaviour elucidating the significance of effective communication and trust building in establishing a secure working milieu Additionally this study delves into the examination and mitigation of hazards as well as the establishment of a safety oriented organisational culture The book explores the utilisation of rewards and incentives as a means to foster safe behaviour alongside the development of efficacious safety training In its entirety the book provides a thorough examination of the psychological dimensions inherent in safety management systems This study offers significant insights into the strategies employed to establish a secure and efficient working environment The aforementioned literary work serves as a great and indispensable resource for anybody seeking to gain a comprehensive awareness of the psychological dimensions pertaining to workplace safety **Steps to Safety Culture Excellence** Terry L. Mathis, Shawn M. Galloway, 2013-01-10 Provides a clear road map to instilling a culture of safety excellence in any organization Did you know that accidental injury is among the top ten leading causes of death in every age group With this book as your guide you ll

learn how to help your organization develop implement and sustain Safety Culture Excellence vital for the protection of and improvement in the quality of life for everyone who works there STEPS to Safety Culture Excellence is based on the authors firsthand experience working with international organizations in every major industry that have successfully developed and implemented ongoing cultures of safety excellence Whether your organization is a small regional firm or a large multinational corporation you ll find that the STEPS process enables you to instill Safety Culture Excellence within your organization STEPS Strategic Targets for Excellent Performance in Safety demystifies the process of developing Safety Culture Excellence by breaking it down into small logical internally led tasks You ll be guided through a sequence of STEPS that makes it possible to Create a culture of excellence that is reinforced and empowered at every level Develop the capability within the culture to identify prioritize and solve safety problems and challenges Maintain and continuously improve the performance of your organization's safety culture Although this book is dedicated to safety the tested and proven STEPS process can be used to promote excellence in any aspect of organizational performance By optimizing the safety culture in your organization you will give the people you work with the skills and knowledge to not only minimize the risk of an on the job accident but also to lead safe healthy lives outside of work Federal Register ,2013-08 Margin over Mission James Kelly, 2025-03-18 An ICU nurse reveals how private equity ownership leads to preventable deaths and negligence in hospitals In a country where health care is increasingly driven by profit Margin over Mission exposes the dire consequences of corporate ownership in hospitals James Kelly an ICU nurse with over two decades of experience narrates a gripping account of his final year at Lovelace Women's Hospital in Albuguerque New Mexico a year marred by preventable deaths administrative changes and the heartbreaking loss of a once mission driven institution to the clutches of Wall Street Kelly's poignant narrative takes readers on an emotional journey through the corridors of a hospital that once stood for community and care but became overshadowed by the relentless pursuit of profit Through detailed anecdotes and critical analysis Kelly reveals the stark reality of a health care system compromised by private equity where decisions prioritize profit margins over the mission of saving lives Kelly's unique perspective as an ICU nurse provides an insider's look into how private equity is wreaking havoc in hospitals around the country His story is also a powerful tribute to the countless health care workers who struggle to maintain their integrity and compassion in an increasingly inhumane system that prioritizes money over people

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