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This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Aboveground Fire Protection Systems

Model XGQT16 Grooved End Cap	Model XGQT09 Grooved Equal Cross	Model XGQT07 Equal Tee	Model XGQT08 Grooved Reducing Tee
Model XGQT03 90 Degree Grooved Elbow	Model XGQT04 45 Degree Grooved Elbow	Model XGQT08S Threaded Reducing Tee	Model XGQT10S Threaded Reducing Cross
Model XGQT11 Grooved Concentric Reducer	Model XGQT11S Threaded Concentric Reducer	Model XGQT10 Grooved Reducing Cross	
Model XGQT05 22.5 Degree Grooved Elbow	Model XGQT06 11.25 Degree Grooved Elbow		

Prepared for:

Hebei Jianchi Casting Group Co Ltd
Pang Zhuang Zi
Southeast of Yutian County
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China

Manufacturer:

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AVP, Manager of Fire Protection
FM Approvals
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Judd E. Hollander

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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Fire Protection Robert C. Till,J. Walter Coon,2018-07-20 The Second Edition of this introduction to fire protection systems is completely revised and updated to offer the student architect or engineer the basics of fire protection devices and equipment and how they may be applied to any given project Fire Protection Detection Notification and Suppression reveals the nuts and bolts of fire protection system selection design and equipment in an applied approach Whether a mechanical engineer safety engineer architect estimator fire service personnel or student studying in these areas the authors show the pros and the cons of protection systems being proposed and how they should be compared to one another It also gives non fire engineering practitioners a sense of proportion when they are put in a position to select a consultant and to give a sense of what the consultant may be doing and how a system is being matched to the hazard Beginning fire protection engineers could also use its language for writing a report about these systems for a client Planner's Guide to Facilities Layout and Design for the Defense Communications System Physical Plant ,1985 *Board of Contract Appeals Decisions* United States. Armed Services Board of Contract Appeals,2006 *Healthcare Hazard Control and Safety Management* James T. Tweedy,2014-03-12 Comprehensive in scope this totally revamped edition of a bestseller is the ideal desk reference for anyone tasked with hazard control and safety management in the healthcare industry Presented in an easy to read format Healthcare Hazard Control and Safety Management Third Edition examines hazard control and safety management as proactive funct **Fire Loss Control** P. M. Bochnak,2020-07-24 Provides managers architects plant engineers technicians and others with a concise background in the principles of fire protection and property loss control a new chapter on life safety elements was added to the second edition Some of the topics are the characteristics and behavior of fire t

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exciting new volume the first of a multiple volume set is a thorough introduction to workplace health and safety issues Its uncomplicated presentation of material makes it a clear presentation for attorneys teachers architects managers supervisors union members and others who regularly deal with occupational health and safety issues Everyone concerned with recognition evaluation and control of workplace hazards will want this volume It addresses topics in occupational health and safety including worker and community right to know issues worker health and safety training and other contemporary issues The book also offers valuable how to information for occupational health and safety professionals Safety engineers health physicists and industrial hygienists will want this book for its coverage of the industrial hygiene field and as a refresher of industrial hygiene principles Each chapter was written by a practicing occupational health professional and has been integrated into a clear and comprehensive text Fire Technology Abstracts, 1981 Technical Reference Guide for the HAZARD I Fire Hazard Assessment Method Richard D. Peacock, 1991 **SFPE Handbook of Fire Protection**

Engineering Morgan J. Hurley, Daniel T. Gottuk, John R. Hall Jr., Kazunori Harada, Erica D. Kuligowski, Milosh Puchovsky, Jose' L. Torero, John M. Watts Jr., CHRISTOPHER J. WIECZOREK, 2015-10-07 Revised and significantly expanded the fifth edition of this classic work offers both new and substantially updated information As the definitive reference on fire protection engineering this book provides thorough treatment of the current best practices in fire protection engineering and performance based fire safety Over 130 eminent fire engineers and researchers contributed chapters to the book representing universities and professional organizations around the world It remains the indispensable source for reliable coverage of fire safety engineering fundamentals fire dynamics hazard calculations fire risk analysis modeling and more With seventeen new chapters and over 1 800 figures the this new edition contains Step by step equations that explain engineering calculations Comprehensive revision of the coverage of human behavior in fire including several new chapters on egress system design occupant evacuation scenarios combustion toxicity and data for human behavior analysis Revised fundamental chapters for a stronger sense of context Added chapters on fire protection system selection and design including selection of fire safety systems system activation and controls and CO2 extinguishing systems Recent advances in fire resistance design Addition of new chapters on industrial fire protection including vapor clouds effects of thermal radiation on people BLEVEs dust explosions and gas and vapor explosions New chapters on fire load density curtain walls wildland fires and vehicle tunnels Essential reference appendices on conversion factors thermophysical property data fuel properties and combustion data configuration factors and piping properties Three volume set not available separately *Associations' Publications in Print*, 1984 1981 in 2 v v 1 Subject index v 2 Title index Publisher title index Association name index Acronym index Key to publishers and distributors abbreviations **Fire Fighting Pumping Systems at Industrial Facilities** Dennis P. Nolan, 2011-06-10 Written from the perspective of industrial users this is the only book that describes how to install an effective firewater pumping system in a pragmatic and budget conscious way rather than with purely the regulatory

framework in mind Based on the wide ranging industrial experience of the author this book is also the only one that deals with the particular risks and requirements of off shore facilities This book takes the reader beyond the prescriptive requirements of the fire code NFPA UL and considers how to make the best choice of design for the budget available as well as how to ensure the other components of the pumping system and supporting services are optimized The only alternative to guides written by regulatory enforcement bodies this book is uniquely practical and objective demonstrating how and why the standards need to be met Covers a wide range of industries including those with exceptional requirements such as off shore petroleum facilities and chemical plants Written by someone who has been responsible for the safety of large numbers of workers and billions of dollars worth of equipment for those in similarly responsible positions Fire Protection J. Walter Coon,1991 This reference is designed to give you a working knowledge of fire protection in new construction and remodeling You are guided through every phase of systems design installation and performance with over 80 illustrations of system configurations You see how to trouble shoot engineering plans systems selection components installation work how to comply with codes and standards Each section is aimed at helping you see the Big Picture as well as the vital details which can make or break the fire protection segment of the project Whatever your professional role architect engineer contractor facilities manager you ll benefit from the author s expert advice

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