

关于举办“国际压力容器/压力管道设计”培训的通知

各有关单位:

为推动压力容器/压力管道等设计的发展,增加对欧盟 EN13445《无燃烧压力容器》、ASME VIII《压力容器建造规则》、ASME VIII-2《压力容器建造-另一规则》、RCC-M《压水堆核岛机械设备设计和建造规则》等相关标准的了解,以及这些标准在实际工程中的应用,将于2017年9月10日、11日和13日在青岛举办“国际压力容器/压力管道设计”培训班。培训班采用国内外专家讲解相结合的方法,邀请国际压力容器理事会欧非区主席、英国斯特拉斯克莱德大学教授 David Nash 博士,英国斯特拉斯克莱德大学教授 Donald Mackenzie 博士、英国斯特拉斯克莱德大学教授 Jim Boyle 博士,AMEC 咨询管理顾问 Jinhua Shi 博士,以及国内专家讲解欧美等相关标准,并与学员深入互动交流。培训结束后颁发结业证书,英国专家签名,盖中国机械工程学会压力容器分会、山东机械工程学会压力容器专业委员会公章,为学员承接国外设计及国外工作提供便利。培训时间为4天。

培训期间,学员可以免费参加9月12日的承压设备技术论坛,届时邀请国内知名专家学者做行业相关发展现状及专业报告。

希望贵单位派员参加!

培训时间: 2017年9月10日、11日和13日

培训地点: 青岛

培训费用: 3000元/人,食宿统一安排,费用自理;

付费方式: 以微信、支付宝、现金方式支付。

报名方式和时间:

1、 在线注册!(推荐)请点击链接进行在线注册:

www.shejiyuan.com

2、 请将回执用电子邮件或传真等方式通知我们。

传真: 0532-58653557

邮箱: shejiyuan@qdtaijie.com

主办单位: 中国机械工程学会压力容器分会、山东机械工程学会压力容器专业委员会

协办单位: 山东大学、中国石油大学、青岛科技大学、山东科技大学、山东省特种设备协会、山东省石油化工设备管理协会、山东省特种设备安全工程技术研究中心。

承办单位: 青岛泰捷网络科技有限公司。

附件一：“国际压力容器/压力管道设计”培训回执

单位			
姓名		性别	
电话		传真	
电子邮件		微信号	
到达日期			
备注			

附件二：培训日程安排

时间	主讲人	地点	活动安排	主题
2017.09.10 8:00-12:00	David Nash	青岛	培训课程	ASME VIII, PD5500, EN13445, ASME III 和 RCC-M 压力容器设计规则的概述
2017.09.10 14:00-18:00	Jinhua Shi	青岛	培训课程	ASME VIII, PD5500, EN13445, ASME III 和 RCC-M 压力容器设计规则的概述
2017.09.11 8:00-12:00	Donald MacKenzie	青岛	培训课程	压力容器分析设计基础及应用
2017.09.11 14:00-18:00	X Hu	青岛	培训课程	压力容器分析设计基础及应用
2017.09.12 8:00-12:00	David Nash Donald MacKenzie J Shi	青岛	论坛	压力容器设计分析及未来发展
2017.09.12 14:00-18:00	Jim Boyle	青岛	论坛	压力容器设计分析及未来发展
2017.09.13 8:00-12:00	Jim Boyle	青岛	培训课程	管道系统设计
2017.09.13 14:00-18:00	S Xu (可能 更换)	青岛	培训课程	管道系统设计

Notice on the training of "International Pressure Vessels and Piping Design"

All departments concerned:

In order to promote the development of pressure vessel/piping design, deeply understand the relevant standards of pressure vessel/ piping designs as well as the application in practical engineering, the "International design technology of pressure vessels and piping" training courses will be held in Qingdao on September 10, 11 and 13, 2017. Many relevant standards will be explained at the training courses, such as the European Union EN13445 <Unfired pressure vessels>, ASME VIII, Division 1 <Rules for Construction of Pressure Vessels>, ASME VIII, Division 2 <Rules for Construction of Pressure Vessels, Alternative Rules>, ASME III<Rules for Construction of Nuclear Facility Components>, and RCC-M <Design and Construction Rules for Mechanical Components of PWR Nuclear Islands>. The training course will be given by a combined team of international and national experts. Dr. David Nash, who is the chairman of international council of pressure vessels in Europe and Africa region and a professor at the University of Strathclyde, Dr. Donald MacKenzie and Dr. Jim Boyle who are both professors at the University of Strathclyde, and Dr. Jinhua Shi who is a Managing Consultant at AMEC will be invited. We will also invite domestic experts to explain the relevant standards in Europe and America, and conduct in-depth interactions among trainees.

Certificates of completion will be issued after training. The certificates of completion will be signed by British experts and also sealed by the Pressure Vessel Branch of the China Mechanical Engineering Society and the Pressure Vessel Specialized Committee of the Shandong Mechanical Engineering Society. The certificate can provide convenience for students to undertake overseas design projects and to work abroad. The training will be held for 4 days.

During the training period, all participants will be free to attend the China Chemical Equipment Forum on September 12th, 2017. At the Forum, famous experts and scholars in China will be invited to present professional reports on relevant industry development.

We sincerely expect that you will send your staff to join us!

Trainingtime: September 10, 11 and 13, 2017.

Training address: Qingdao;

Training fee: 3000 yuan RBM/person, accommodation arrangement but the cost of self-care;

Payment Types: 1、 Registration , Click the link to register online. www.shejiyuan.com
2、 Please E-mail or fax the Entry Form to us.

FAX: 0532-58653557

E-mail: shejiyuan@qdtaijie.com

Sponsor: Pressure Vessel Committee of China Mechanical Engineering Society; Pressure Vessel Specialized Committee of Shandong Mechanical Engineering Society;

Co-organizer: Shandong University, China University of Petroleum, Shandong University of Science and Technology, Qingdao University of Science & Technology, Shandong Provincial Association of Special Equipment, Shandong Provincial Association of Petrochemical Equipment Management, Engineering Technology Research Center for Special Equipment Safety of Shandong Province.

Conductors: Qingdao Taijie Network Technology Co. Ltd.

Appendix I: Training Receipt

Unit Name			
Name		Gender	
Telephone Number		FAX	
E-mail		WeChat	
Arrival Time			
Others			

Appendix II: Training schedule

Date	Name	Location	Activity	Title
8:00~12:00 10/09/2017	David Nash	Qingdao	Training Course	An Overview of Pressure vessel Design using ASME VIII, PD5500, EN13445, ASME III and RCC-M
14:00~18:00 10/09/2017	J Shi	Qingdao	Training Course	As above
8:00~12:00 11/09/2017	Donald MacKenzie	Qingdao	Training Course	Design by Analysis: Fundamentals and Applications
14:00~18:00 11/09/2017	X Hu	Qingdao	Training Course	As above
12/09/2017	David Nash Donald MacKenzie J Shi	Qingdao	Forum	Pressure Vessel Design, Stress Analysis and Future Development
12/09/2017	Jim Boyle	Qingdao	Forum	Pressure Vessel Design, Stress Analysis and Future Development
8:00~12:00 13/09/2017	Jim Boyle	Qingdao	Training Course	Design of Piping Systems
14:00~18:00 13/09/2017	S Xu (possible substitution)	Qingdao	Training Course	Design of Piping Systems

专家介绍



Prof. James Boyle, University of Strathclyde, UK

Professor Jim Boyle has been active in Mechanical Engineering research for over 40 years. His main areas of study have been in stress analysis for creep, high temperature design, simplified and robust methods for design, limit and shakedown analysis and the design of pressurised equipment. Research in pressure vessel design has covered design by analysis, the nature and development of design codes, the behaviour of pressurised components at elevated temperature and piping design and analysis. He is the author of over 400 technical papers and reports and several books including conference proceedings, having given over 40 invited keynote lectures worldwide and has been a Visiting Professor in the U.S., Sweden, Japan, Brazil, Russia and Europe.

A particular interest over the past twenty years has been a more modern approach to engineering education, particularly in the large class format for engineering sciences. He has introduced a collaborative, active approach with a novel version of engineering problem solving which institutions have adopted across the UK and beyond. Over 60 invited lectures and workshops on teaching and learning have been given over the past 15 years in numerous institutions in the UK and Europe.

James Boyle教授在机械工程方面的研究已超过40年，是斯凯莱德大学机械工程系教授，曾任机械工程系主任多年。他的主要研究领域涉及蠕变和高温设计的应力分析，设计的简化和鲁棒方法，极限与安定性分析和承压设备设计。压力容器设计的研究涵盖了分析设计、设计规范的本质和发展、高温承压部件行为和压力管道设计。Boyle教授撰写了超过400篇期刊论文、报告和会议论文，著过几本书，在全球范围内受邀作了超过40个主题讲座。Boyle教授为美国、瑞典、日本、巴西、俄罗斯和欧洲客座教授。

Boyle教授在过去的二十年里一直特别感兴趣于用更现代的方法来开展工程教育，特别是工程科学的大课堂教育。Boyle教授引入了崭新的解决工程问题的协同和积极方法，并被英国和其他国度的研究机构所采用。在过去的15年中，Boyle教授受邀在英国和欧洲的许多研究机构做了超过60场有关教学和学习的讲座和报告。



Prof David Nash, University of Strathclyde, UK

David Nash is a Professor in Mechanical Engineering at the University of Strathclyde in Glasgow, Scotland. After spending several years with a vessel fabricator, Prof Nash joined the Department as a researcher where he gained an MSc and PhD working on local load and saddle support contact problems. He has written over 120 papers and 6 books on the subject. Professor Nash is a Fellow of the Institution of Mechanical Engineers and has been an ASME member since 1987 and Fellow since 2006.

He has been attending PVP for over 25 years. He works in a variety of pressure vessel and mechanics problems and has published widely.

He is a past Vice - Chairman of the Pressure Systems Group of the Institution of Mechanical Engineers and former UK national representative to EPERC, the European Pressure Equipment Research Council. He presently chairs the British Standards Design Methods committee for PD5500, the UK pressure vessel code and recently chaired the 13th International Conference on Pressure Vessel Technology ICPVT - 13 in London 2012.

戴维 纳什，苏格兰思克莱德大学机械工程系的教授。纳什教授曾在该系因关于局部载荷和鞍式支座接触问题的工作被授予硕士和博士学位。在容器制造行业工作了数年后，他选择加入该系成为研究员。在这个领域，他写了超过 120 篇论文和 6 本书。纳什教授是机械工程师协会的研究员，1987 年以来一直是 ASME 的成员，并自 2006 年起担任 ASME 的研究员。

他曾任机械工程师协会的承压系统小组副主席，曾代表英国参加欧洲压力容器研究委员会。他目前主持英国标准设计方法委员会以制定英国压力容器规范 PD5500，并曾于 2012 年主持召开第 13 届压力容器技术国际会议。



Prof Donald Mackenzie, University of Strathclyde, UK

Donald Mackenzie is a Professor in Mechanical Engineering at the University of Strathclyde in Glasgow, Scotland. Prof Mackenzie joined the Department as a researcher where he gained the PhD working on pressure vessel design and computational mechanics. In 2006-2011 & 2013-2015, he was the Head of Department. He has written over 100 papers on the subject. Professor Mackenzie is a Fellow of the Institution of Mechanical Engineers and Former Associate Editor at Large of the ASME Journal of Pressure Vessel Technology.

He is a consultant to industry, works with major engineering organizations in the power, oil & gas and petrochemical sectors.

唐纳德 麦肯齐，苏格兰思克莱德大学机械工程系的教授。麦肯齐教授曾在该系因关于压力容器制造和机械计算问题的研究获得博士学位。在 2006-2011 年和 2013 到 2015 年，他曾任系主任。在这个领域，他写了超过 100 篇论文。麦肯齐教授是机械工程师协会的研究员和前 ASME 压力容器技术期刊副主编。

他为工业界咨询，并与电力、石油天然气和石化行业的主要组织共同工作。



Dr Jinhua Shi, AMEC Foster Wheeler, UK

Dr. Jinhua Shi (Shi Jinhua) is an international expert on structural integrity, a Fellow of the Institution of Mechanical Engineers, a Member of American Society of Mechanical Engineers (ASME), a Member of the Cooperation in Reactor Design Evaluation and Licensing (CORDEL) Working Group of the World Nuclear Association (WNA), a Committee Member of the Computational Structural Mechanics Working Group of the NAFEMS UK representing Amec Foster Wheeler, and a member of the UK High Temperature Power Plant Forum. He has more than 35 years of research experience in the design, research and development of pressure systems, elastic and inelastic finite element analysis, and structural integrity evaluation of nuclear power plants, conventional power plants and petrochemical plants. He has many years of experience in the design and evaluation of nuclear power plant installations. He has served as a senior engineer at the UK's top engineering services company, Babcock, and Serco's structural integrity assessment and management consultant, and is currently the AMEC company's technical guidance, integrity assessment and management consultant.

In addition, he spent 2.5 years in the university as a TA of pressure vessel design, chemical process equipment non-destructive testing technology, so he knows a lot about how to teach student.

Jinhua Shi (师金华) 博士是结构完整性方面的国际专家，是英国机械工程师学会会士，英国机械工程师学会结构技术和材料专业组理事，也是美国机械工程师学会会员。他在高压系统的设计、研究和开发；弹性和非弹性有限元分析；核电厂、常规电厂和石化装置的结构完整性评价方面具有超过 35 年的研究经验。他有着多年的核电站装置的设计、评估经验。他曾经担任过英国顶尖的工程服务公司 Babcock 的高级工程师以及 Serco 公司的结构完整性评估和管理顾问，现任 AMEC 公司的技术指导、完整性评估和管理顾问。

此外，他有着两年半在大学担任压力容器设计、化工过程设备的无损检测技术和实验方面的助教经验，对于如何更效率的完成大学的授课，如何让同学们将理论知识与工程实践结合起来也有着较好的掌握。