



**Asia Pacific Region 3rd Annual Conference of Construction Safety & Health
Organization**

亚太地区施工安全与卫生协会 (组织) 第三届年会

**Safety Training and Education of
Construction Industry at Asia Pacific
Region**

亚太地区施工安全培训教育

31st March ~ 3rd April 2003

(上 册)

China Construction Industry Association

中国建筑业协会

Beijing China

中国. 北京

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Organizer: Construction Industry Association of China

主办单位: 中国建筑业协会

Executive Organizer (承办单位):

**Professional Commission of Construction Safety of Construction
Industry Association of China**

中建协建筑安全专业委员会

**Construction Safety Associations (Professional Commissions) from
following 14 Province; Shang Hai, An Hui, Shan Dong, Fu Jian, Jiang
Su, Zhe Jiang, Shan Xi, Yun Nan, Gan Su. HarBin, Fu Jian, Nan
Chang, Nan Jin, Wu Han.**

**上海, 安徽, 山东, 福建, 江苏, 浙江, 山西, 云南, 甘肃, 哈尔滨, 福
州, 南昌, 南京, 武汉 14 省建筑安全协会(专业委员会)**

PREFACE

“Asia Pacific Region 3rd Annual Conference of Construction Safety and Health” has been approved by Ministry of Construction of P. R. China and held from 31st March to 3rd April at Beijing P. R. China. This conference focus on “Construction Safety Training and Education”, it is an international conference, which is concerning about construction safety and organized by Construction Industry Association of China. Representatives from all the countries and areas will exchange, discuss and research on the experiences, ideas and measures, which are related with construction safety education and training in the conference. It is also first international conference for construction safety training and education in our country.

There are about 300 representatives from China, Japan, Korea, Singapore, Thailand, Indonesia, Philippine, Hong Kong and Macao etc attended the conference. They are from different Organizations, official management departments, official working safety departments, construction safety supervision departments, construction enterprises, universities, research organizations and manufactures. It is an opportunity for same field people from different country to further understand each other and cooperate in future, and also an opportunity to display our great achievement on construction safety management of our country after social system reforming and market opening.

Construction is a high accident rate industry due to its particular, such as: unmovable product, frequent changing of worker and various of safety concern on different working stage. For passed years, every country --- especially China, put in a lot of efforts to implement safety measures, erase the hazard and prevent the accident, collected many valuable experience and also achieved great goals. However, life safety became first requirement of people, while social development, economic booming, living standard upgrading and science improving. Safety sense of construction employee also should have significant improving: from “be requested for working safety” to “want working safety”. “Safety First, Focusing on Prevention” should be the principle of construction work. Multi stage effective safety education and

training is necessary for improving employees ability of self-protection to against harmful at various complicated working environment and different construction working position. Therefor, it could be noticed from the topic of conference, that we also have dramatic development on construction safety. This conference is also a stage for construction safety management staff from all over the country to involve in international communication directly; it is an opportunity for them to show their talent and improve their professional knowledge. The conference had strong support from wide range of construction people; we have received 100 over dissertations from 20 province, 3 professional organization of China, and 94 dissertations from more than 180 authors been edited in the collection after selection; there are 7 dissertations from overseas. Author discussed the relationship between safety education and construction safety and influence for construction safety from different view and area related to constructions after, such as: laws, regulations, rules, standards, technical, machinery, construction, entering, working trade, working position, institute, university etc. They also discussed the improvement of safety skill and safety sense from nation upgrading view. All these experience and achievement are form many years collection of construction people. There are many views been raised to discussion and also various experiences brought out for sharing. In order to popularize and implement the results of researches, we have edited this “Dissertation Collection”. This “Dissertation Collection” not only has value on guiding, implementation and enhancing current works, but also has value of research. “Dissertation Collection” is edited in Chinese and English so that it can be easily understand by all the construction people from China and Overseas.

This conference is jointly organized by Professional Commission of Constriction Safety of Construction Industry Association of China, Shanghai, An Hui, Yun Nan, Shan Dong, Gan Su, Fu Jian, Jiang Su, Zhe Jian, Shan Xi, HarBin, Fu Zhou, Nan Chang, Wu Han and Nan Jin etc 14 Province, City Construction Safety Associations (Profession Commissions). “Dissertation Collection” also been edited by joint organizers.

前 言

经建设部批准,“亚太地区施工安全与卫生协会(组织)第三届年会”于3月31日至4月3日在北京召开。这次会议的主题是:“施工安全培训教育”。这是由中国建筑业协会组织的关于建筑施工安全的一次国际会议,是亚太地区各国共同交流、研究、切磋、探讨施工安全培训教育工作的经验、做法、措施及设想的一次国际研讨会。也是我国在建筑施工安全培训教育工作方面的第一次国际会议。

这届国际研讨会,有中国、日本、韩国、新加坡、泰国、印尼、菲律宾、香港、澳门等国家和地区 300 名代表参加,他们分别来自建设行政主管部门、劳动安全主管部门、建筑安全监督站、施工企业、大专院校、科研机关、和生产厂家。这是亚太各国建筑业同行加深了解、相互协作的一次会议,也是展示我国改革开放以来,在建筑领域,特别是建筑施工安全方面所取得辉煌成就的一次会议。

建筑施工由于产品固定,人员流动;加上安全因素随着施工进度的变化而改变等特点,决定了它是一个事故多发的行业。多年来,各国家特别是中国在采取措施,消除隐患,预防事故方面做了大量的工作,积累了丰富的经验,也取得了很好的成绩。但随着社会的发展,经济生活的提高,科学技术的进步,生命安全已经成为人的第一需要。建筑施工人员也应有从“要我安全”到“我要安全”的意识上的飞跃。使“安全第一,预防为主”的方针,成为建筑施工的指南。这就需要广泛深入的、多种层次的开展培训教育,才能使每一个人在各种复杂多变的环境中,在不同的施工生产的岗位上,都有自我保护的能力,不受任何伤害。因此,这次会议的主题,也正说明了我国的建筑施工安全工作已经取得了飞跃式的发展。我们借这次会议的机会搭建了一个国际研讨的讲坛,为全国的建筑施工安全人员提供了一次直接参加国际间交流、施展个人才华、提高业务素质的好机会。因此,得到了各地的大力支持,广大的施工人员,积极撰写论文。收到了 20 个省、市 3 个专业部门,共 100 多份论文。经评审后,收录了 94 篇,论文作者达 180 多人。收到国外论文 7 篇。作者从建筑施工安全的法律、法规、标准、技术、机械、施工、上岗、入场、专业、中专、大学等多方

位、多角度地论述了继续培训教育与施工安全的关系，对保障施工安全的意义。如何提高施工人员的安全技术素质改变从业观念；从国家和民族兴衰的战略高度进行了论述。这也是我国施工人员多年来的工作业绩与成果的积累。真可谓“百花齐放，硕果累累”。为了使这些论文的研究成果得到应用和推广。我们编辑了这本“论文集”。这本“论文集”既具有指导改进工作的现时意义，又具有研究的价值。为了使国内外的建筑业同仁，都能看得懂，我们采用了中、英文对照的方式编辑的。

这次国际研讨会，由中建协建筑安全专业委员会、和上海、安徽、云南、山东、甘肃、福建、江苏、浙江、山西、哈尔滨、福州、南昌、武汉、南京等 14 个省、市建筑安全协会（专业委员会）共同承办。“论文集”也由承办单位编辑、出版。

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2003, 3

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