The 3rd Education Program for Unit Load System in ASIA

July 14–16, 2009 @ Kuala Lumpur, Malaysia

Course Manual

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Hosted by Korea Ministry of Knowledge and Economy
Organized by Korea Pallet and Container Association (KPCA)
Asia Pallet System Federation (APSF)
Chapter 1:

Introduction to Asia Unit Load System

Eun-Kew Park

Vice Chairman
Korea Pallet and Container Association
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I. Asia Unit load School

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Objectives

1. To share best practices and experiences with ASEAN countries with respect to both pallet standardization and unit load system practiced in Korea.

2. To transfer pallet technology by conducting training programs for ASEAN logistic engineers and bureaucrats.

3. To promote international logistic cooperation and enhance trading and mutual economic development, and friendly relations between ASEAN and Korea.
I. Introduction to Asia Unit Load School

Organization

1. Asia Unit Load School was established by Korea Pallet and Container Association

2. This has been sponsored by Ministry of Knowledge Economy and APSF

3. 40 participants for Asia ULS education from various ASEAN countries were annually trained.
Syllabus

1. Concept of Unit Load System (ULS) and understanding of Logistics
2. Procedure to set up ULS
3. Strategy to build up Asia ULS
4. APSF regulation and APSF standard – “Flat pallets for through transit in Asia”
5. APSF undertakes promotion projects in order to achieve the objective
Achievements

1. 37 persons trained at 1\textsuperscript{st} Asia Unit Load School, 2007-6-25 ~ 6.29, Bangkok Thailand.

2. 38 persons trained at 2\textsuperscript{nd} Asia Unit Load School, 2008-7-1 ~ 7.4, Hanoi, Vietnam.

3. 40 persons to be trained at Asia Unit Load School, 2009-7-14 ~ 7.16, Kuala Lumpur, Malaysia.

4. To be scheduled 2010-06 at Jakarta, Indonesia.
The Concept of ULS

1. Improved transportation efficiency;
2. by fast loading/unloading loads
3. by unitized and modularized loads
4. by mechanized and systemized loads
5. Pallets and returnable containers are the key media to make it realize
II. Strategy for Asia Unit Load System

The Concept of Asia ULS

1. Participate all countries in Asia
2. Build ULS by using APSF standard “Flat pallets through transit in Asia”
3. Maximize logistics efficiency by utilizing standard pallets and returnable containers in every Asia countries.
4. To be advanced in logistics systems for all Asia countries. We are talking about Win-Win strategy
II. Strategy for Asia Unit Load System

Expected benefits

1. Achieve logistic efficiency: Reduce logistic costs and improve service levels
2. Promote trading volume in Asia
3. Protect global environment and reduce natural resources: Reduce industrial wastes
## II. Strategy for Asia Unit Load System

### 2-1. Consensus in Asia Pallet standardization

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>'02.11.28</td>
<td>Industrial Standard meeting between Korea, China, and Japan</td>
<td>Seoul</td>
</tr>
<tr>
<td>'03.10.14</td>
<td>International Conference for Asia Pallet Standardization (9 nations: Korea, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, Thailand)</td>
<td>Seoul</td>
</tr>
<tr>
<td>'03.10.29</td>
<td>1\textsuperscript{st} Northeast Logistics Seminar for Standard Cooperation</td>
<td>Beijing</td>
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<tr>
<td>'04.9.21</td>
<td>2\textsuperscript{nd} Northeast Pallet Expert meeting for Asia Federation for Pallet Standard</td>
<td>Seoul</td>
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<tr>
<td>'05.6.22</td>
<td>3\textsuperscript{rd} Northeast Pallet Expert meeting for Asia Pallet Standard Draft</td>
<td>Beijing</td>
</tr>
<tr>
<td>'05.11.10</td>
<td>4\textsuperscript{th} Northeast Pallet Expert meeting for Agreement of Asia Pallet System Federation and Standard Draft - T11, T12 as Standard Pallets in Asia</td>
<td>Fukuhoka</td>
</tr>
<tr>
<td>'06. 6. 9</td>
<td>Establish the Asia Pallet System Federation (APSF) and 1\textsuperscript{st} General meeting for APSF: 6 member bodies including China, Japan, Thailand, Malaysia, Philippines</td>
<td>Tokyo</td>
</tr>
<tr>
<td>'06.11.28</td>
<td>International Conference for Pallet in China</td>
<td>Beijing</td>
</tr>
</tbody>
</table>
Korea-China-Japan Expert meeting @ Seoul-Tokyo-Beijing

Expert Meeting for Pallet Standardization @ Seoul, 2004

Expert meeting in Fukuoka, Japan, 2005
## II. Strategy for Asia Unit Load System

### 2-2. Collaboration between Korea, China, and Japan

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.11.23</td>
<td>Meeting between Korea and China on Standards - cooperation works on logistics standards (KATS) and (SAC)</td>
<td>Cheju</td>
</tr>
<tr>
<td>06.5.12</td>
<td>Annual Meeting on Pallet Standards - Discussion on Asia Standard Pallets - Agreement on APSF</td>
<td>Beijing</td>
</tr>
<tr>
<td>06.6.28</td>
<td>Annual Meeting on Pallet Standards - MOU for Pallet Standards will be provided - Warehouse and Packaging Standard will be added on mutual cooperation</td>
<td>Shian</td>
</tr>
</tbody>
</table>
1) The 1\textsuperscript{st} Term: July 2006 ~ April 30\textsuperscript{th}, 2007

1. 1\textsuperscript{st} general meeting held on June 10\textsuperscript{th}, 2006 in Tokyo, Japan

2. Major agenda
   - APSF Regulation established
   - APSF standard developed: “Flat pallets through transit in Asia
   - Executive board elected:
     - Chairman Okada Kazuo (Chairman of JPA)
     - Vice Chairman: Wu Qingyi (China Federation of Logistics)
     - Vice Chairman: Eun-Kew Park (Vice Chairman of KPCA)
     - Secretary General: Hiroji Fukumoto (Executive Director of JPA)
III. APSF Report

1st general meeting held on June 10th, 2006 in Tokyo, Japan
2) The 2nd Term: May 1st 2007 ~ April 30th, 2008

1. The 2nd general meeting held on June 30th, 2007 in Bangkok, Thailand

2. Major agenda

   - APSF Regulation revised
   - 6 participating member countries and 2 observing members (Vietnam and Indonesia)
   - Asia ISO TC51 Committee established and convened on December in Seoul: China, Indonesia, Japan, Korea, Malaysia, Philippines, Thailand, and Vietnam
   - 1st Asia Unit Load School opened: 2007-06-25 ~ 06-29
The First Education for Unit Load System in ASIA
@ Bangkok, Thailand (2007)

2nd general meeting held on June 30th, 2007 in Hanoi, Vietnam
3) The 3rd Term: May 1st 2008 ~ April 30th, 2009

1. The 3rd general meeting held on July 4th, 2008 in Hanoi, Vietnam

2. Major agenda

   • New Executive Board elected
     • Chairman Byong-Yoon Suh (Chairman of KLA)
     • Vice Chairman: Sakada Yoshia (Vice Chairman of JPA)
     • Vice Chairman: Wu Qingyi (China Federation of Logistics)
     • Vice Chairman: Mohd Yusoff (Malaysia, Senior Director, Forest Research Institute Malaysia)
     • Secretary General: Jae-Kyun Eom (Professor, Myongji College)
III. APSF Report

3) The 3rd Term: May 1st 2008 ~ April 30th, 2009

2. Major agenda - continued

- 2nd Asia Unit Load School opened: 2008-06-30 ~ 07-04
- APSF regulation revised
  - Executive board established and approved by online voting
- Standard for Asia flat pallet through transit were adopted in China (GBT 2934, 2008-03-01)
2nd Unit Load School in Hanoi, Vietnam, 2007

3rd general meeting held on July 4th, 2008 in Hanoi, Vietnam
4) The 4th Term:  May 1st 2009 ~ April 30th, 2010

1. The 4th general meeting held on July 17th, 2009 in Kuala Lumpur, Malaysia

2. Major agenda

   • 3rd Asia Unit Load School opened: 2009-07-14 ~ 07-16
   • 2nd Asia ISO TC51 Committee meeting opened
   • Reconfirm for Proposal to Ministers of Logistics in Three Nations; China, Japan, and Korea regarding "Okayama Declaration for Logistics Cooperation in Northeast Asia"
   • Next proposal to Ministers of Logistics in Three Nations; China, Japan, and Korea – Green Logistics (Returnable pallet and container system)
   • Ministers of Logistics in Three Nations; China, Japan, and Korea – Green Logistics (Returnable pallet and container system)
   • Vice chairman to be elected: Philippines and Thailand
IV. Action plan for APSF

1\textsuperscript{st} Phase: Consensus within Asian countries (2001~2006)
- APSF established
- Standard “Flat pallet for through transit of Asia” developed

2\textsuperscript{nd} Phase: Extend member countries and ULS Education
- 6 countries -> 11 countries (2006 ~ )
- Continue to have Asia Unit Load School

3\textsuperscript{rd} Phase: APSF standard adoption in member countries (2008~ )
- China (GBT 2934, 2008-03-01), Korea (KSA 2175, 2008-6-27)
- Adoption of APSF Standard in every countries

4\textsuperscript{th} Phase: Asia ULS established (2010~ )
- Asia Pallet and Returnable Container Pool System
IV. Action plan for APSF

Proactive agenda for APSF to establish Asia ULS

1. Support "Okayama Declaration for Logistics Cooperation in Northeast Asia"
   • Refer to references

2. Next agenda to Ministers of Logistics in Three Nations; China, Japan, and Korea –
   • Green Logistics (Returnable pallet and container system)
   • Tax free system for returnable container with APSF Marking

3. Encourage every member countries to support APSF and its agenda and participate actively
References

1. APSF Standard
2. APSF Regulation
3. KSA 2175
4. GBT 2934
5. Proposal to Ministers of Logistics in Three Nations; China, Japan, and Korea
Thank You!

Korea Pallet and Container Association