Characteristic Activities of JWWA

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Water associations Meeting on Oct. 30
JWWA Annual Conference 2014 in Nagoya
Contents

- Outline of Water Supply in Japan & JWWA’s Activities
- Characteristic Activities of JWWA
  1. Establishment of nationwide mutual aid system in an emergency
  2. Inspection, Quality Certification and Accreditation & Registration Scheme
  3. Capacity Building & Cooperation with Overseas
Outline of Water Supply in Japan

- Established in 1887
- Developed as local public enterprises
- Population served: 124 million (97.7%) FY 2012
- Drinkable anywhere, anytime, and highly reliable
- Number of Water Supply Utilities: 7,766 FY 2012

Classification of raw water:
- Dam (47%)
- River (26%)
- Well etc. (27%)
JWWA’s Activities

Established in 1904
Governmental license in 1932

Corporate member: 1,345
Associate member: 534
Individual member: 459

General Assembly, Lobbying, National Conference

Research Activities on Water Supply Technology

Training

Publication (manual, G/L, journal etc.)

Certification Mark

Inspection and certification

International
Characteristic Activities of JWWA

1. Establishment of nationwide mutual aid system in an emergency

2. Inspection, Quality Certification and Accreditation & Registration Scheme
   (Inspection Services, Certification Services and Accreditation of Engineers & Operators)

3. Capacity Building & Cooperation with Overseas
   (Domestic and International)
Characteristic Activities of JWWA

1 Establishment of nationwide mutual aid system in an emergency

- Apply Branch System in Aid of Disaster -

All Cooperative member of JWWA are Supported by this System in Emergency.
Characteristic Activities of JWWA

2 Inspection, Quality Certification and Accreditation & Registration Scheme (Inspection Services)

Evaluation Standards
JWWA Standards
Specifications from Water Utilities Etc.
Characteristic Activities of JWWA

2 Inspection, Quality Certification and Accreditation & Registration Scheme (Certification Services)

- Certification of Water Supply Tools according to the Regulation by Japanese Waterworks Law

- Faucets, Valves, Pipe Joints and Water Heaters etc.

- Materials Installed in Households etc.
Characteristic Activities of JWWA

2. Inspection, Quality Certification and Accreditation & Registration Scheme (Accreditation of Engineers & Operators)

Established in 2004 (jointly with 3 other water-related Organization)

Categories of Qualification Types

1. Water Treatment Facilities
2. Water Distribution Pipes

Assuring the level of workers’ professional expertise such as abilities required for contractor

<table>
<thead>
<tr>
<th></th>
<th>Qualified on Water Treatment Facilities</th>
<th>Qualified on Water Distribution Pipes</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Utility</td>
<td>1,679(17.5%)</td>
<td>1,152(25.3%)</td>
<td>2,831(20.0%)</td>
</tr>
<tr>
<td>Private Sectors</td>
<td>7,646(79.5%)</td>
<td>3,207(70.3%)</td>
<td>10,853(76.6%)</td>
</tr>
<tr>
<td>Others</td>
<td>285(3.0%)</td>
<td>201(4.4%)</td>
<td>486(3.4%)</td>
</tr>
<tr>
<td>Total</td>
<td>9,610(100%)</td>
<td>4,560(100%)</td>
<td>14,170(100%)</td>
</tr>
</tbody>
</table>
Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (Domestic)

- Training Courses for the Personnel of Water Utilities
  - Conducting more than 20 Training Courses to develop and improve Human Resources of Water Supply Utilities

- Training Center
  - Training Center with Audio-Visual Devices
Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (Domestic)

Overseas Training Courses for Japanese persons

4 Training Courses/year
For JWWWA Members (Staff of Water Utilities)

- Asian Water Association Joint Training Course (Indonesia)
- WTI Training Course (Water Training International in UK)
- Personal Training Course (Developing a training course by themselves)
- Personal Training Course (Presentation at International Congress on Water)
Characteristic Activities of JWWA

3  Capacity Building & Cooperation with Overseas (International)

**JICA Water Supply Training Course**

Engineering on Water Supply Systems Course (2 months)
Characteristic Activities of JWWA

3 Capacity Building & Cooperation with Overseas (International)

Dispatching Water Supply Specialist to the Emerging Countries

- JWWA Senior Waterworks Specialist Registration System

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**JICA**

Request for Recommendation

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Ministry of Health, Labor and Welfare

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JWWA

Senior Waterworks Specialist Registration System

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JWWA

Request for Recommendation

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Water Utilities

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Industry

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Japan Water Works Association
Characteristic Activities of JWWA

3. Capacity Building & Cooperation with Overseas (International)

- **International Cooperation** (JICA, WOPs) → **Water Utilities** → Overseas challenge (Private sector, Local sector)

- **JICA activity**
  - Cooperation
  - Technical assistance

- **JWWA**
  - Networking with overseas Association
  - Research water supply situation

- **IWA**
  - International conference
  - Networking
  - Specialist group

- **ISO/TC224**
  - Networking

- **Rural and international training to the utilities**

- **WOPs**
  - Mediation with ADB, UN-Habitat etc.

- **Water business challenge**
  - MHLW, Private sector
Characteristic Activities of JWWA

3. Capacity Building & Cooperation with Overseas (International)

Water Related Association in Asia etc.

- USA AWWA
- Thailand TWWA
- Vietnam VWSA
- China CUWA
- Korea KWWA
- Taiwan CTWWA
- Malaysia MWA
- Cambodia MIME
- Philippines PWWA
- Singapore PUB
- Indonesia PERPAMSI
- Australia WSAA
The End

Thank you for listening.

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