Framework for Greening the Philippine TVET System

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PHILIPPINES
The GTC recommends policies and causes the development, implementation and promotion of models, programs and standards towards quality green TVET practices.
FRAMEWORK FOR GREENING THE PHILIPPINE TVET SYSTEM

GREENING TVET Framework

Green Community
- Resilient, Self-sufficient, Sustainable, and Environmentally Friendly Community
- KRAs: green campus/model, system of support mechanism, capacitated people, and "green-minded" community/people

Green Jobs/ Skills
- Green Jobs/ Skills (Green Jobs Identification and Prioritization)

Green Policies
- Green Policies (Industry-driven green TVET practices)

Green Competency Standards/
Green Training Regulations
- Greening the four dimensions of Competency Standards, the Training Arrangements, and the Assessment & Certification Arrangements in the TRs

Green Culture
- Personal and Institutional Commitment to Green TVET practices

STRATEGIES
- Institutionalize Green in Core Processes
- Provide Incentives
- Green Advocacy
Green Jobs/ Skills

- Identification and Prioritization of Qualifications
- Green Labor Market Report
- Skills Needs Anticipation Survey
Green Competency Standards/
Green Training Regulations

1. Development of Competency Standards and Training Regulations
2. Updating of Training Regulations
Agricultural Machinery Servicing (4-Wheel Tractor) NC III

Section 1. AGRICULTURAL MACHINERY SERVICING (4-WHEEL TRACTOR) NC III QUALIFICATION

The AGRICULTURAL MACHINERY SERVICING (4-WHEEL TRACTOR) NC III Qualification consists of competencies that a person must achieve to diagnose and repair electrical systems, engine system, axle system, hydraulic system and transmission system of 4-wheel drive tractor. It includes competencies on practicing safety measures and waste management. This may be performed by a team of technical personnel or with one or more assistants working with the lead technical personnel.

This Qualification is packaged from the competency map of the Agr-Fishery Sector as shown in Annex A.

The units of competency comprising this qualification includes the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>BASIC COMPETENCIES</th>
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<tbody>
<tr>
<td>400311319</td>
<td>Lead workplace communication</td>
</tr>
<tr>
<td>400311320</td>
<td>Lead small teams</td>
</tr>
<tr>
<td>400311321</td>
<td>Apply critical thinking and problem-solving techniques in the workplace</td>
</tr>
<tr>
<td>400311322</td>
<td>Work in a diverse environment</td>
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<tr>
<td>400311323</td>
<td>Propose methods of applying learning and innovation in the organization</td>
</tr>
<tr>
<td>400311324</td>
<td>Use information systematically</td>
</tr>
<tr>
<td>400311325</td>
<td>Evaluate occupational safety and health work practices</td>
</tr>
<tr>
<td>400311326</td>
<td>Evaluate environmental work practices</td>
</tr>
<tr>
<td>400311327</td>
<td>Facilitate environmental skills for micro-small medium enterprises (MSMEs)</td>
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<thead>
<tr>
<th>Code</th>
<th>COMMON COMPETENCIES</th>
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<tbody>
<tr>
<td>AFF 321201</td>
<td>Apply safety measures in farm operations</td>
</tr>
<tr>
<td>AFF 321202</td>
<td>Use farm servicing tools and equipment</td>
</tr>
<tr>
<td>AFF 321203</td>
<td>Perform estimation and calculations</td>
</tr>
<tr>
<td>AFF 321205</td>
<td>Process farm wastes</td>
</tr>
<tr>
<td>SDC 413206</td>
<td>Maintain service records</td>
</tr>
<tr>
<td>AFF 723201</td>
<td>Conduct Diagnosis</td>
</tr>
<tr>
<td>AFF 723202</td>
<td>Perform Shop Maintenance</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>CORE COMPETENCIES</th>
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</thead>
<tbody>
<tr>
<td>AFF 723203</td>
<td>Diagnose and Repair Electrical Systems of 4-Wheel Tractor</td>
</tr>
<tr>
<td>AFF 723204</td>
<td>Diagnose and Repair Engine System of 4-Wheel Tractor</td>
</tr>
<tr>
<td>AFF 723205</td>
<td>Diagnose and Repair Axle System of 4-Wheel Tractor</td>
</tr>
<tr>
<td>AFF 723206</td>
<td>Diagnose and Repair Hydraulic System of 4-Wheel Tractor</td>
</tr>
<tr>
<td>AFF 723207</td>
<td>Diagnose and Repair Transmission System of 4-Wheel Tractor</td>
</tr>
</tbody>
</table>

A person who has achieved this Qualification is competent to be:
- 4-Wheel Tractor Mechanic
- Senior Mechanic
- 4-Wheel Tractor Servicing Personnel
Green Policies

- TESDA Circular on Greening the TVET System;

- Issuances of Memoranda on Solid Waste Management

- Institutionalization of Module on Environmental Literacy in the Basic Competency;

- Development and Inclusion of the Program Learning Outcomes on Sustainable Development in PQF Level 5 (Diploma) Programs
Green Culture

Personal and Institutional Commitment to Green TVET practices
Green Institutional Culture

Converted the Greening the TVET System Framework into an Evaluation Checklist

- Green Jobs/Skills (30 points)
- Green Policies (40 points)
- Green Competency Standards/ Training Regulations (35 points)
- Green Institutional Culture (100 points)
- Green Community (35 points)
CONCEPCION VOCATIONAL SCHOOL

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It is against the LAW to smoke in these premises
Green Community

Resilient, Self-sufficient, Sustainable, and Environmentally Friendly Community

KRAs: green campus/ model, system of support mechanism, capacitated people, and “green-minded” community/ people
Exhibits and Learning Sessions
PARTNERSHIPS

International Partners

• International Labor Organization
• GIZ
• Colombo Plan Staff College
• UNESCO

Local Agencies and Organizations

• Climate Change Commission
• Federation of Filipino-Chinese Chamber of Commerce and Industry, Inc. (FFCCCII)
• Manila Waters
• DENR
• Department of Agriculture
• Department of Science and Technology
Maraming Salamat!!!
(Thank you!!!(3))