Manufacturing Skill Standards Council
Training, Assessment and Certification Systems

Green Production Module
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MSSC Overview

- **National leader in training, testing and certification the industry-wide core technical competencies for front-line production and logistics workers**

- **Industry-recognized, nationally portable credentials based on nationally validated industry standards**

- **Recognized by the National Skill Standards Board (NSSB) in 1998 as the "Voluntary Partnership for Manufacturing"**

- **In 2001, the NSSB officially endorsed MSSC's Production Standards**
  - **Production standards were developed with over 4000 front-line workers, 700 companies and 350 subject matter experts costing $9M in federal and private funds**

- **MSSC is a founding partner of the NAM-endorsed Skill Certification System**

Labor Training Strategy for Green Jobs

- **Create a manufacturing career path for workers with portable, industry-recognized, stackable, credentials**
- **Document existing core knowledge and skills using the MSSC System Certified Production Technologist credential**
- **Develop a MSSC Green Production Module**
- **Link emerging occupational and industry-specific training needs to existing specialty and apprenticeship training programs that provide recognized credentials (e.g. NAM Endorsed Skill Certification System)**

How Does GPM fit?

- **MSSC's Certified Production Technician (CPT) certification system consists of four modules: Safety, Quality, Process & Production, and Maintenance Awareness**

- **GPM will be a 5th CPT Module which includes:**
  - **Industry-defined, nationally validated standards**
  - **Blended learning curriculum with instructor-led and online courses**
  - **Standards-based assessments**
  - **Nationally portable credentials**

- **The purpose of GPM is to enhance the green-related skills of the production workforce *in all manufacturing sectors* in order to help manufacturers improve their environmental performance and to use energy more efficiently at the plant floor level**

What is Green Production?

- **For the purpose of this project, MSSC has developed a broad definition of Green Production**

- **It is not limited to "green products" but includes the "greening" of the manufacturing process for all industries**

Green Production Definition

Workplace activities across all industries within the manufacturing sector that require the use of equipment, technologies and processes that will improve the environmental performance of manufacturing companies

GPM Development Schedule

Item	Participants	Due Date
Standards Development	30+ SMEs from Industry, Labor & Education fields	Nov 2010
Standards Validation	In process, currently have over 55 companies involved	Mar 2011
Curriculum/Assessment Development	SMEs and MSSC development group	Jun 2011
Instructor Training	IN AFL-CIO LIFT	Jun 2011
Course/Assessment Piloted	Front-line workers from companies throughout mfg sector	Jul 2011
First GPM Certificate Issued	MSSC	Jul 2011