



Republic of the Philippines

TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

Presents this

# Certificate of Training

to

**Leonifer S. Escala**

*for having successfully completed the program in*  
**SHIELDED METAL ARC WELDING NCII**

**268 hours**

*from May 4 to June 23, 2010*

*conducted by*

**Provincial Training Center - Davao**

**Poinsettia St., Brgy. Mintal,**

**Tugbok District, Davao City**

*Given this 24<sup>th</sup> day of June 2010.*

## UNITS OF COMPETENCIES

Certificate No. 8000-10-MEE-037

### Basic Competencies:

- Participate in workplace communication
- Work in a team environment
- Practice career professionalism
- Practice occupational health and safety procedures

### Common Competencies:

- Apply quality standards
- Interpret drawings and sketches
- Perform industry calculations
- Contribute to quality system
- Use hand tools
- Prepare weld materials
- Setup welding equipments
- Fit up weld materials
- Repair welds

### Core Competencies:

- Weld Carbon steel plates and pipes using SMAW
- Explain the essentials of welding
- Deposit weld beads on plate
- Weld plates in single pass fillet joints in all positions
- Weld plates in multiple pass fillet joints in all positions
- Weld plates in single pass groove joints in flat, horizontal and vertical positions
- Weld plates in multiple pass groove joints in flat, horizontal and vertical positions
- Weld plates in single pass groove joints in overhead positions
- Weld plates in multiple pass groove joints in overhead positions
- Weld pipe in 1G, 2G, 5G and 6G positions



**TESDA**  
**May 15, 2010**

**PASTOR Z. GUIAO**  
Director General, TESDA