



INDUSTRIAL TRAINING

ENGINEERING AND DESIGN

- Industrial Training for Graduate Engineers
- Drafting and 'Tool & Die' Design
- 'Tool & Die' Manufacturing

Short Courses in:

- CAD/CAM via Master CAM
- AutoCAD, 2D & 3D Designs
- Solid Works, 2D & 3D Designs
- Introduction to Machine Design

CUSTOMISED TRAINING PROGRAMMES

- Industrial Maintenance (General, Electrical & Refrigeration)
- Fluid Power and Controls
- Electrical level I (45 contact hours)
- Programmable Logic and Controls (PLC) levels I & II
- Machining levels I & II
- Welding levels I, II & III
- Instrumentation level I (45 contact hours)
- American Welding Society (AWS), Certified Welding Inspector (CWI) Certificate (80 contact hours)



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Technology
Quality
Research
Design
Innovation
Manufacturing
Engineering
Development
Precision
International
Standards
Reconditioning
Repair

Integrity
Excellence
Quality
Transparency



INSTITUTE OF TECHNOLOGY
"TRAINING FOR INDUSTRY"

OUR MISSION

To be a catalyst for developing National Technical and Vocational competencies for competitive industries through quality training, innovation, manufacturing and engineering products and services.

The Ministry of Tertiary Education
and Skills Training

TEST



ENGINEERING PRODUCTS

Design, Manufacture and Repair of the Following:

- Tool & Die (Press Tools)
- Precision Machine Parts
- Blow Moulds
- Injection Moulds
- Jigs and Fixtures
- 3D Prototypes
- Spur and Helical gears



ENGINEERING SERVICES

METALLURGY

Heat Treatment Services

- Thru Hardening
- Case Hardening
- Stress Relieving
- Annealing
- Tempering

METROLOGY

Non Destructive Testing & Failure Analysis

- Precision Measurements
- Hardness Testing
- 3D Scanning
- Inspection of Welds
- Materials Analysis

PLANT OPTIMISATION / INNOVATION

- New Product Development
- Product and Process Development
- Reverse Engineering
- Systems Development

MACHINE DESIGN

- Computer Aided Designs (CAD)
- Computer Aided Manufacturing (CAM)
- Industrial Machines

MAINTENANCE SERVICES

- Preventive Maintenance
- Machine Reconditioning & Repair
- Functional analysis

WELDING

- Tool Steels (Alloy Steels)
- Aluminium
- Stainless Steels
- Cast Iron
- Welding Inspection
- American Welding Society (AWS) Certification



PLASTICS SERVICES

CONTRACT MANUFACTURING

We design and manufacture plastic products to customers' specifications using the following processes:

- Blow Moulding
- Injection Moulding
- Thermoforming

Products include:

- Buckets & Lids (10 Litre)
- Flower Pots & Saucers, (15cm; 20cm; 25cm)
- Ice Cream Containers & Lids (2 Litre)
- Net Pots
- Clothes Hangers
- Plain & Printed Cups, (10 oz. & 22 oz.)

