

Commercial Proposal #4

Operator Training & Technical Instruction for Equipment from China

Developing Qualified Operators, Adjusters, and Service Engineers

Metal-Asia.pw delivers comprehensive [operator training programs](#) for Chinese-manufactured industrial equipment. We prepare your personnel for independent operation, maintenance, and adjustment of machinery, production lines, and automation systems.

Unlike standard courses providing only general theory, we teach **practical skills on your specific equipment**. Your operators learn on your machines, with your materials, for your tasks. By training completion, personnel are fully prepared for independent operation without external specialist involvement.

Scope of Services

Machine Operator Training

Practical CNC metalworking equipment operator preparation:

- Machine structure and main component purpose
- Safe workpiece and tool loading/unloading
- Workpiece fixturing and clamping
- CNC system basic operations
- Program start, stop, and execution control
- Processing quality control and parameter adjustment
- Preventive inspection and daily maintenance
- Emergency situation procedures

PLC & HMI System Training

Automation specialist preparation:

- PLC system architecture and operating principles
- Operator interface (HMI) navigation
- Technological process start and stop
- Equipment parameter monitoring
- Alarm signal recognition and response
- Basic fault diagnostics
- Program backup and recovery
- Data collection system operation

Maintenance Team Instruction

Service personnel preparation:

- Deep equipment structure understanding
- Scheduled maintenance per manufacturer regimen
- Lubrication, adjustment, and consumable replacement
- Fault diagnostics by symptoms
- Typical failure repair and component replacement
- Working with [schematics and documentation](#)
- Manufacturer warranty communication
- Maintenance log keeping

Safety Briefing

Mandatory personnel instruction:

- Equipment-related hazards
- Service area behavior rules
- Personal protective equipment usage
- Lockout/tagout and safety devices
- Accident and injury procedures
- Fire safety
- Environmental safety
- Knowledge verification (testing)

Handover Documentation Training

Complete documentation package preparation:

- Manufacturer documentation translation and adaptation
- Clear operator instruction creation
- Daily maintenance checklist development
- Setup cards for typical operations
- Processing program database creation
- Electronic documentation system training
- System access and password transfer

Target Personnel

Our training programs serve:

Production Equipment Operators

- CNC machine operators (lathes, mills, grinders)
- Laser and plasma system operators
- Production line operators
- Equipment adjusters

Engineering & Technical Personnel

- Operations engineers
- Maintenance engineers

- Electronics and automation specialists
- Mechanics and repair technicians

Production Management

- Shop floor managers
- Shift supervisors
- Process engineers
- Quality control inspectors

New Employees

- Personnel at new production launch
- Staff during workforce expansion
- Backup personnel

Applicable Sectors:

- Metalworking and machinery manufacturing
 - Laser cutting and metal fabrication
 - Construction materials production
 - Food processing industry
 - Chemical and pharmaceutical manufacturing
 - Woodworking and forestry
 - Packaging and printing
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Pain Points We Address

Challenge: Operators Fear Working with New Equipment

Solution: Step-by-step training from simple to complex, practical exercises under experienced instructor guidance, confidence building.

Challenge: High Defect Rate Due to Operator Errors

Solution: Training in proper fixturing, clamping, and control methods, skill practice on real parts until stable quality is achieved.

Challenge: Frequent Breakdowns Due to Personnel Errors

Solution: Operation rules training, fault symptom recognition, emergency procedures, preventive maintenance.

Challenge: Personnel Cannot Understand Chinese Documentation

Solution: Documentation translation and adaptation, clear Russian-language instruction creation, documentation usage training.

Challenge: Cannot Find Qualified Personnel on Market

Solution: We train your existing employees — requalification takes 1-2 weeks and costs significantly less than hiring experienced specialists.

Challenge: High Personnel Turnover

Solution: Train multiple employees immediately (primary team + backup), create internal knowledge base, reduce dependence on specific individuals.

Challenge: Safety Compliance Violations

Solution: Mandatory safety briefing with testing, hazard recognition training, safety culture development.

Why Partner with Metal-Asia.pw

Training on Your Equipment We do not conduct abstract courses — training occurs directly on your machines with your materials. Result: operators immediately ready for work.

Practical Approach Theory constitutes no more than 20% of the program. Primary time — practical exercises under instructor guidance with real parts and programs.

Customized Programs We develop training programs for your equipment, your products, and your personnel skill level. No "template" courses.

Training from Scratch No prior experience required. We train even employees without similar equipment experience.

Backup Preparation We recommend training 2-3 people per position — primary team + backup. This protects against downtime during illness or key employee departure.

Certification & Documentation Complete training documentation, skill verification certificates, compliance with industry training standards.

Our Differentiators

Parameter	Manufacturer	Technical College	Metal-Asia.pw
Training Location	China (unrealistic)	Training stands	Your production facility
Equipment	Theoretical	Outdated	Your machines
Practice	Minimal	Limited	80% of program
Adaptation to You	No	No	Complete
Language	Chinese/English	English	English-speaking instructors
Post-Training Support	None	None	Technical support included
Cost	Very high	Low	Optimal
Duration	Extended	Semesters	1-2 weeks

Our instructors are practicing engineers with years of Chinese equipment experience. They know not just theory — they solve real production tasks daily and can transfer this knowledge to your personnel.

Our Process

1. **Personnel Audit** — Current skill level assessment, training objectives definition
 2. **Program Development** — Training plan development for your objectives
 3. **Material Preparation** — Documentation translation, instruction creation, training part preparation
 4. **Theoretical Course** — Basic equipment structure and operating principle knowledge
 5. **Practical Exercises** — Skill practice under instructor guidance
 6. **Independent Work** — Task execution under observation with gradual control reduction
 7. **Testing** — Safety and technology knowledge verification
 8. **Certification** — Qualification confirmation, certificate issuance
 9. **Independent Work Authorization** — Work permit formalization
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Contact Us

Need to train personnel for new equipment operation? We provide complimentary consultation and training program development for your objectives.

 Email: info@metal-asia.pw

 Website: <https://metal-asia.pw/en>

 All Publications: [Company Blog](#)

 Direct Contact: [Contact Page](#)

Metal-Asia.pw — Professional operator training for equipment from China. We develop qualified specialists for your production facility.