



Kazimieruk
Precision Parts

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Edycja: 1.0

ENVIRONMENTAL POLICY

ENVIROMENTAL POLICY IN ZMK

Tarnowo Podgórne 2019



ENVIRONMENTAL POLICY

Scope and goal

Systematization of knowledge, information sources related to monitoring and taking action in the field of caring for the environment, in accordance with the standard 14001: 2015 and the requirements of Polish Law, in particular:

- improvement of environmental effects
- compliance with compliance obligations
- achieving environmental goals

Responsibility

Every employee according to Organization structure with special role of ZMK Board.

The scope

Zakłady Mechaniczne Kazimieruk Sp. z o.o. Sp.k offer machining services. It serves many industries and manufactures the product in accordance with customer requirements and materials specified by the customer, which affects the volume of waste relative to waste codes throughout the year. ZMK in not able to influence the structure of material waste, as it must be in line with customer needs but ensures an equal approach to waste management, requiring employees to segregate the same, take care of order, fight unjustified and unnecessary waste production

DECLARATION

The Management Board and all employees declare that they take all actions in their daily activities which aim to minimize or eliminate the production and emission of factors harmful to the environment.

1. Each employee declares that he or she complies with the principles of municipal and post-production waste segregation
2. We care about the transparency and reliability of data on waste
3. **Caring for the environment begins with every smallest decision and informed choice**
4. ALL ideas / improvements to improve environmental protection may be reported to superiors

ENVIROMENTAL STRATEGIC GOALS

Environmental Strategic Goals are defined in Quality Policy:

Striving to prevent environmental pollution implemented through:

- Minimizing technological operations producing harmful gases and dust
- Using media that is less harmful to the environment (e.g. natural gas instead of coal)
- The use of safe containers, containers for collective waste storage, preventing the escape of substances into land



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Optimal use of resources along with minimization of generated waste, implemented through:

- Optimizing the purchase of material for production. Orders are for specific orders and dimensions. ZMK does not order, just in case, on stock, if it is not certain that the material will be used for production
- Examination of the suitability of the tools before their final scrapping in accordance with the instruction P.TE.1.I.4 Carbide scrap Instruction
- Standardization of tools to optimize their use and not generate waste in the form of sporadic use and rapid inadequacy of tools
- Striving to increase serial production as minimizing the consumption of raw materials during TPZ (production preparation) - one of the quality objectives
- Organizing collective transportation with company cars, where justified, in order to reduce exhaust emissions
- Use of filters to allow re-use of the coolant
- Municipal waste segregation in the office and in the production hall
- Segregation of post-production waste according to ISO 07-02.01.00 Waste disposal instructions

ENVIRONMENTAL KPIS

Lowering the measured environmental aspects or maintaining according to the limit granted, if the reduction is impossible due to the specificity of orders from customers. The measured environmental aspects relates to

- Media (energy, water, sewage)
- Air pollution
- Production wastes (not recycled)
- Production wastes (recycled)
- General municipal wastes
- Used fuel and packaging

All above are covered with Process P.ZS.4 Evaluation of activities effects

IMPLEMENTATION OF ENVIRONMENTAL OBJECTIVES

In accordance with the decisions of the Management Board, action plans related to improving the environment are being developed. These plans have a specific environmental goal. specify:

- What is to be done
- Resources
- Responsibility
- Completion and evaluation of environmental effects

Details available in separate Environmental Objectives document



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RISK PREVENTION FOR THE ENVIRONMENT AND EMERGENCY RESPONSE

Environmental risks:

According to P.ZS.1 Process Identification of environmental aspects organization monitors risks by:

- Compatibility with legal requirements
- Impact range
- Probability of appearance
- Environmental damage (significance of impact)

Actual risk assessment contains document P.ZS.1.F1 Assessment of environmental aspects.

Failures that may have a negative impact on the environment

The organization has implemented a process which purpose is to define the rules of conduct in the field of preparedness and response to emergencies that may have a negative impact on the environment.

Process scope:

- identification, assessment and continuous updating of the possibility of hazardous situations and accidents,
- definition of actions taken following dangerous situations and accidents,
- preventing or reducing the adverse impact of dangerous situations and accidents on the environment

Detailed procedure is described in document P.ZS.5.F1 List of potential danger and failure situations, also available on the production hall on the notice board

ENVIRONMENTAL RISK ANALYSIS AT POSITIONS

Organization carries out an workplace risk assessment that covers safety and environmental factors

The following factors are assessed:

- Noise
- Light
- Pollution
- Ventilation
- Temperature
- Surface
- Workplace hazards (caused by tools, machine, electric shocks, personal injury, chemicals and other mechanical damages)
- Table of activities depending on the risk category



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SURVEILLANCE OF OPERATIONAL ACTIONS AFFECTING THE ENVIRONMENT

According to Process P.ZS.2 Operational Activities organization indicate areas that matters for environmental protection. These are:

- Rules for identifying control areas
- Waste management
- Waste transfer transparency
- Rules for monitoring dust and gases harmful to the environment
- monitoring media consumption
- Noise monitoring
- Principles of caring for the environment and safety for external contractors
- Rules for the handling of hazardous substances

EMERGENCY RESPONSE

According to Process P.ZS.5 Emergency Response, organization regulates:

- Identification of emergencies
- Prevention
- Emergency procedures (available in the production hall, communicated to all employees)