

SC Tehnica de Automatizare-Sibiu SRL – Europa Unită Nr. 8  
550018 Sibiu – Judet Sibiu / România



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APPROVED  
GENERAL MANAGER  
Eng. SUCIU IULIAN

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Eng. COPTIL SERGIU

## PROGRAMME FOR THE PREVENTION AND REDUCTION OF THE QUANTITY OF WASTE GENERATED FROM UNIT ACTIVITY

The present WASTE PREVENTION AND REDUCTION PROGRAMME, was elaborated in accordance with the requirements of Law no. 211/2011 regarding the waste regime, with the subsequent modifications and completions, based on the evaluation of the waste generated on site.

The purpose of implementing this program is to prevent the generation of waste and reduce environment impact.

### 1. IDENTIFICATON DATA

#### 1.1. General data

OPERATOR NAME	<b>SC TEHNICA DE AUTOMATIZARE SIBIU</b>
REGISTERED OFFICE ADDRESS	<b>Street Europa Unita no. 8, SIBIU 550018</b>
VAT REGISTRATION	<b>RO15274470</b>
LEGAL REPRESENTATIVES	<b>SUCIU IULIAN, COPTIL SERGIU</b>
MAIN ACTIVITY (CAEN)	<b>7112</b>

Administrator: Iulian Suciu  
Administrator: Sergiu Coptil  
CF RO 15274470  
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Unicredit Bank Agentia Sibiu  
Str. Emil Cioran Nr. 6  
Kt-Nr. RO17 BACX 0000 0008 3000 9320 (Euro)  
Kt-Nr. RO93 BACX 0000 0008 3000 9310 (LEI)

Banca Transilvania Agentia Hipodrom  
Str. Nicolae Iorga, nr. 13A  
Kt-Nr. RO53 BTRL EURC RT03 5968 6801(Euro)  
Kt-Nr. RO06 BTRL RONC RT03 5968 6801 (LEI)

## 1.2. Date on the unit activity

The activity of the unit consists in the design, production, programming and delivery of industrial robots and other equipment.

The main phases of the technological process are: 3D design, mechanical processing of parts, mechanical assembly / electrical assembly, programming, commissioning and transport to the customer's premises, maintenance services.

## 1.3. Data on the types of waste generated on site, specific to the activity

The waste resulting from the activity carried out on site is classified as follows:

- **Household waste** from the unit personnel and are part of the group of municipal waste and similar from trade, industry;
- **Packaging waste**, derived from the packaging operations of the supplied equipment (results mainly wood, paper-cardboard, plastic foil) or generated in the office activity;
- **Technological waste**, included in the category of inert industrial waste, that are currently produced in the workshop (contaminated absorbents, disassembled electronic components, shavings and turnings of ferrous / non-ferrous metals or plastic from the mechanical and physical treatment of metal surfaces or plastic materials, pieces of ferrous / non-ferrous metal parts and plastic parts, CNC used emulsions).

The table below shows the types of waste together with the codes according to the legislation in force:

waste type	waste code according HG 856/2002	recovery operation
-municipal waste	20 03 01	elimination
-paper and cardboard packaging	15 01 01	recycling
-plastic packaging	15 01 02	recycling
-wooden packaging (damaged pallets or pieces of these )	15 01 03	recycling
-used oils	13 02 05*	recycling
-plastic shavings and turnings, pieces of waste plastic parts	12 01 05	recycling
-packaging containing residues of/or contaminated by hazardous substances	15 01 10*	recycling
-absorbents, filter materials contaminated by hazardous substances	15 02 02*	recycling

-disassembled electronic components	16 02 14	recycling
-cables with plastic insulation	16 02 16	recycling
-used emulsions (halogen free)	12 01 09*	recycling
- ferrous metals filings and turnings, waste pieces of ferrous metals	12 01 01	recycling
- non-ferrous metal filings and turnings, waste pieces of ferrous metals filings and turnings	12 01 03	recycling
-oily water from oil-water separators	13 05 07*	recycling
- sludges from oil / water separators	13 05 02*	recycling

## 2. WASTE MANAGEMENT

- **Household/municipal waste** is stored in a metal container, placed on a concrete surface and transported to the landfill by an authorized company.
- **Packaging paper-cardboard, plastic waste** are stored in a metal container on a concrete covered platform and collected by an authorized collector. **The wooden packaging** (pallet waste) is stored outside the hall, on the covered concrete platform and is taken over by an authorized collector.
- **Hazardous technological waste (used emulsions, absorbent materials)** are temporarily stored in metal barrels of 200-220 l on the covered concrete platform and is picked up by an authorized collector.
- **Non-hazardous technological waste (shavings and filings, pieces of metal)** is stored in IBC containers, with a 1000 l metal frame, on a covered concrete platform and is picked up by an authorized collector.

## 3. MEASURES REGARDING THE PREVENTION AND REDUCTION OF THE QUANTITIES OF GENERATED WASTE

As a **general measure**, the efficient management of all the waste generated from the production activity will be permanently pursued through separate collection, followed by their recycling and recovery. Avoid the formation of waste stocks that could endanger human health and harm the environment. This measure will be monitored by the Environment Responsible.

The following measures are proposed in order to reduce the amount of waste:

Crt. No.	Measure	Responsible	Term
1	<p><b>Reducing the quantities of waste generated from production</b></p> <p>Annual trainings for production employees on the importance of preventing the generation of technological waste, the obligation to reuse cardboard and wood packaging and the selective collection of waste.</p> <p>-Reduction of the amount of rejects of plastic parts and rejects of ferrous / non-ferrous metal parts, contaminated absorbents, filter materials.</p>	Environment Responsible Employee	Permanent
2	<p><b>Reducing the quantities of waste generated from the supply activity.</b></p> <p>- Acquisition of goods without excessive packaging and whose packaging can be reused, recovered, the waste generated being in small quantities.</p> <p>- Monitoring the quantity purchased, especially stretch film (plastic) used for packaging finished products.</p>	Environment Responsible Purchasing / logistics manager	Permanent
3	<p><b>Restrictions on over packing of industrial robots and other equipment for delivery to the customer:</b></p> <p>-Monitoring the packaging quantity used to pack finished products, especially stretch foil (plastic).</p> <p>-Finished products are delivered packed on wooden pallets, with cardboard sheets and / or wrapped in plastic; wooden pallets are returnable - they are sent from the supplier to the customer and vice versa, and the cardboard used for packaging is <b>not</b> purchased, it is <b>reused</b> almost entirely from the raw materials purchased in cardboard packaging.</p> <p>The amount of waste reused, recycled and recovered will minimize the total amount of waste generated. The selective collection of waste for recovery, reduces the amount of waste disposed by storage.</p>	Environment Responsible Purchasing / logistics manager	Permanent



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4	<b>Reducing the amount of waste from office activities</b>  <b>Annual training</b> of office employees in raising awareness to avoid waste generation and reduce paper use.	Environment Responsible Employee	Permanent
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Environment Responsible

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