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Republic of Serbia

City of Nis

City Administration for Property and Sustainable Development

Reg. no. **501-119/2020-04**

Date: **06.04.2021.**

Pursuant to the articles 60 and 64 of Law on Waste Management (“Official Gazette of RS” no. 36/2009, 88/2010, 14/2016 and 95/2018- other law), article 23, paragraph 2 of Law on State Administration (“Official Gazette of RS” no. 79/2005, 101/2007, 95/2010, 99/2014, 30/2018- other law and 47/2018) and article 136, paragraph 1 of Law on General Administrative Procedure (“Official Gazette of RS” no. 18/2016 and 95/2018- authentic interpretation) City of Nis, City Administration for Property and Sustainable Development, as authorized institution, solving upon the request submitted by Business Association “JUGO-IMPEX” Limited Liability Company for Trade and Services Nis, Vazduhoplovaca street nn, for revising the Permit for storage and treatment of non-hazardous waste no. 313-341/2010-09 dated: 12.04.2011. adopts the following:

## **DECISION**

### **ON ISSUING PERMIT FOR STORAGE AND TREATMENT OF NON-HAZARDOUS WASTE**

1. Permit for storage and treatment of non-hazardous waste, **reg. no. 061** is issued to Plant Operator “JUGO-IMPEX” d.o.o. Nis, with headquarters in Nis, Vazduhoplovaca street nn, business reg. no. 07578865, at the location: Bulevar 12. februar street nn, Nis, cadaster plots no. 1388/1 and 1388/7, Cadaster Area Nis- Crveni Krst, City Municipality Crveni Krst, registered beneficiary of the right to use the above city construction land plots and beneficiary of the ownership right to the facilities built at the stated plots, and confirms the following:

#### **A. GENERAL INFORMATION**

##### **1) General information about the Permit**

Operator “JUGO-IMPEX” d.o.o. Nis is hereby issued the Permit for performing the activities of storage and treatment of non-hazardous waste (R4- recycling/treatment of metals and metal compounds, R12- making changes with the aim of subjecting waste to any of the operations classified from R1 to R11, including pre-treatment operations, such as disassembly, classification, crushing, compacting, baling, drying, cutting, preparation, repacking, separation or mixing before initiating operations classified from R1 to R11 and R13- storage of waste intended for operations classified from R1 to R12 (excluding temporary storage of waste at the location of waste generation)), all in line with the Law on

Waste Management (“Official Gazette of RS” no. 36/2009, 88/2010, 14/2016 and 95/2018- other law) and Rulebook on Conditions and Manner of Collection, Transportation, Storage and Treatment of Waste Used as Secondary Raw Material or for Generating Energy (“Official Gazette of RS” no. 98/2010).

Waste has been classified in line with Rulebook on Categorization, Testing and Classification of Waste (“Official Gazette of RS” no. 56/2010 and 93/2019) as follows:

### **1.1. Non-hazardous waste**

Non-hazardous waste with the following codes:

- 12 01 05- treatment of plastics,
- 16 01 03- end-of-life tires,
- 16 01 19 and 17 02 03- plastics,
- 16 01 20 and 17 02 02- glass,
- 17 01 01- concrete,
- 17 01 02- bricks,
- 17 01 03- tiles and ceramics,
- 17 01 07- mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06,
- 17 02 01- wood,
- 19 12 07- wood other than that mentioned in 19 12 06,
- 19 12 10- combustible waste (refuse derived fuel),
- 19 12 12- other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11,
- R3- storage of waste intended for operations classified from R1 to R12 (excluding temporary storage of waste at the location of waste generation).
- 19 12 03/20 01 40- copper and copper alloys,
- 19 12 03/20 01 40- aluminum,
- 19 12 03/20 01 40- stainless steel,
- 19 12 03/20 01 40- iron and steel,
- 17 04 11- electrical cables (aluminum and copper),
- 16 02 14/20 01 36- mixed electrical waste which does not contain hazardous components,
- 12 01 01- ferrous metal filings and turnings,
- 12 01 02- ferrous metal dust and particles,
- 12 01 03- non-ferrous metal filings and turnings,
- 12 01 04- non-ferrous metal dust and particles,
- 12 01 99- waste not specified in the list of waste from shaping and physical and mechanical surface treatment of metal and plastics,

- 16 01 06- end-of-life vehicles, containing neither liquids nor other hazardous components,
- 16 01 17- ferrous metals,
- 16 01 18- non-ferrous metals,
- 16 01 22- components not otherwise specified in the list of end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance,
- 16 01 99- wastes not otherwise specified in the list of end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance,
- 16 02 16- components removed from discarded equipment other than those mentioned in 16 02 15,
- 17 04 01- copper, bronze, brass,
- 17 04 02- aluminum,
- 17 04 03- lead,
- 17 04 04- zinc,
- 17 04 05- iron and steel,
- 17 09 04- mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03,
- 19 10 01- iron and steel waste,
- 19 10 02- non-ferrous waste,
- 19 10 04- fluff-light fractions and dust other than those mentioned in 19 10 03,
- 19 10 06- other fractions other than those mentioned in 19 10 05,
- 20 01 99- other fractions not otherwise specified in the list of municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions,
- 20 03 07- bulky waste,
- 20 03 99- municipal wastes not otherwise specified in the list of other municipal waste,

are subjected to operations R12- making changes with the aim of subjecting waste to any of the operations classified from R1 to R11, including pre-treatment operations, such as disassembly, classification, crushing, compacting, baling, drying, cutting, preparation, repacking, separation or mixing before initiating operations classified from R1 to R11 and R13- storage of waste intended for operations classified from R1 to R12 (excluding temporary storage of waste at the location of waste generation) and R4- recycling/treatment of metals and metal compounds.

## **1.2. Hazardous waste: /**

## **1.3. Inert waste: /**

## **2. Information on the plant capacity, i.e. quantities of waste for:**

### **2.1. Waste storage:**

#### **2.1.1. Designed capacity of the storage for all types of waste**

Maximum designed capacity of non-hazardous waste storage is 4200 t.

#### **2.1.2. Planned annual quantity of waste for storage: total quality by type of waste, in case of separate storage of different types of waste:**

The above stated storage shall be used for storing waste from:

- treatment of plastics 12 01 05- 130t,
- waste tires 16 01 03- 0,1t,
- plastics 16 01 19- 0,2t and 17 02 03- 130t,
- glass 16 01 20- 0,1t and 17 02 02 - 0,1t,
- concrete 17 01 01- 0,1t,
- bricks 17 01 02- 0,2t,
- tiles and ceramics 17 01 03- 0,1t,
- mixture or specific fractions of concrete, bricks, tiles or ceramics other than those specified in 17 01 06, code 17 01 07- 0.1t,
- wood 17 02 01- 0,1t,
- wood other than that specified in 19 12 06, code 19 12 07- 0,1t,
- combustible waste (refuse derived fuel) 19 12 10- 100t,
- other waste (including the mixture of material) from mechanical treatment of waste other than those specified in 19 12 11, code 19 12 12- 0,1t,
- copper and copper alloys 19 12 03/20 01 40- 1060t,
- aluminum 19 12 03/20 01 40- 27t,
- stainless steel 19 12 02/20 01 40- 58t,
- steel and iron 19 12 02/20 01 40- 120t,
- electrical cables (aluminum and copper) 17 04 11- 1200t,
- mixed electrical waste which does not contain hazardous components 16 02 14/20 01 36- 55t,
- ferrous metal filings and turnings 12 01 01- 1t,
- ferrous metal dust and particles 12 01 02- 0,1t,
- non-ferrous metal filings and turnings 12 01 03- 1t,
- non-ferrous metal dust and particles 12 01 04- 0,4t,
- waste not specified in the list of waste from shaping and physical and mechanical surface treatment of metal and plastics 12 01 99- 0,1t,
- 16 01 06- end-of-life vehicles, containing neither liquids nor other hazardous components- 0,1t,
- 16 01 17- ferrous metals- 0,2t,
- 16 01 18- non-ferrous metals- 1,1t,
- 16 01 22- components not otherwise specified in the list of end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance- 0,1t,

- 16 01 99- wastes not otherwise specified in the list of end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance- 0,1t,
- 17 04 01- copper, bronze, brass- 1030t,
- 17 04 02- aluminum- 26t,
- 17 04 03- lead- 1,8t,
- 17 04 04- zinc- 0,1t,
- 17 04 05- iron and steel- 115t,
- 17 09 04- mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03- 0,1t,
- 19 10 01- iron and steel waste- 0,1t,
- 19 10 02- non-ferrous waste- 20t,
- 19 10 04- fluff-light fractions and dust other than those mentioned in 19 10 03- 0,1t,
- 19 10 06- other fractions other than those mentioned in 19 10 05- 0,1t,
- 20 01 99- other fractions not otherwise specified in the list of municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions- 0,1t,
- 20 03 07- bulky waste- 1t,
- 20 03 99- municipal wastes not otherwise specified in the list of other municipal waste- 0,1t,
- 16 02 16- components removed from discarded equipment other than those mentioned in 16 02 15- 120t.

The planned annual capacity of storage is 4200t.

## **2.2. Treatment of waste/reuse:**

2.2.1. Maximum (designed) daily capacity of the waste treatment plant is 32,5t for all types of waste.

2.2.2. Maximum (designed) monthly capacity of the waste treatment plant is 513t for all types of waste.

2.2.3. Maximum (designed) annual capacity of the waste treatment plant is 1200t for all types of waste.

## **2.3. Waste disposal**

No waste disposal at the location.

## **3. General information on the location of waste management plant**

### **3.1. Short description of the plant location**

Plant for storage and treatment of non-hazardous waste of operator "JUGO-IMPEX" d.o.o. Nis, Vazduoplovaca street nn, is located at the following address: Bulevar 12. februar nn in Nis, within complex MIN "12. februar" in Nis. The total surface area of the plateau which is used for storage and treatment of the non-hazardous metal waste is 0,6819 ha. The plateau is

located within the above stated complex, at cadaster plot no. 1388/7 Cadaster Area Nis-Crveni Krst, City Municipality Crveni Krst.

### **3.2. Distance of the plant from the surrounding facilities that may be affected by the plant operation**

The plant for storage and treatment of non-hazardous waste is located on the outskirts of the City of Nis. The stated location is in industrial zone which contains similar industrial facilities, and has a direct access from Bulevar 12. februar street. The complex is located approximately 1000-1500m from regional highway Belgrade-Nis, and is positioned next to Bulevar 12. februar street road which is used for accessing the complex.

## **4. Technical and technological conditions for plant operation**

### **4.1. Information on the plant for waste storage, as follows:**

#### **4.1.1. volume of useful space which will be used for storing waste, and which can cover maximum 75% of the volume of the total storage area:**

Volume of total waste storage area is 12 000m<sup>3</sup>.

#### **4.1.2. type of base which is used for storing waste:**

Bearing capacity of concrete base is as follows:

- Plateau 1: 2240 kg/m<sup>2</sup>,
- Plateau 2: 2230 kg/m<sup>2</sup>,
- Plateau 3: 2240 kg/m<sup>2</sup>,

#### **4.1.3. storage (open/closed), including the dimensions of specific parts of the storage, separator, channel for fluid drainage, including the description of connections for water supply, sewerage and electrical installations**

Area for storing non-hazardous waste of operator "JUGO-IMPEX" d.o.o. Nis, Vazduhoplovaca nn, in Bulevar 12. februar street consists of:

- Plateau for classification, recycling and storing waste is used for transportation and storage of heavy cargo. The area represents a complete construction unit, total surface area of 0,6819 ha which leans on the Foundry on one side, and on administration facility of energy complex MIN HOLDING on the north. On the south-east side, where the plateau leans against the Foundry and Cutting Facility, there is a bridge crane, bearing capacity 5t.

- Closed recycling storage which contains special cabinets and boxes for storing valuable non-ferrous items, as well as non-hazardous electrical waste. Total surface area of the storage is 200m<sup>3</sup>. One part of the area is used for decomposition of complex electrical waste sets. The base of the area is made of concrete, walls are made of concrete blocks and the roof cover is made of sheet metal. The area contains electrical lighting installations, outlets and channel for draining rainwater to fat-oil separators.

- Open storage with bridge crane, which is used as primary waste manipulation area, especially in the part which is used for storage and subsequent classification and mechanical recycling treatment. Crane bridge, bearing capacity of 5t is used for waste manipulation. Total surface area of the storage is 210m<sup>3</sup>. The base of the area is made of concrete and the storage contains a channel for draining rainwater to fat-oil separators.

- Open storage area which is located on the left side of the open storage with bridge crane hat covers the total surface area of 450m<sup>3</sup>. The area is used for storing mixed waste with non-hazardous properties. The base of the area is made of concrete and the storage contains a channel for draining rainwater to fat-oil separators.

- Open area- storage boxes with roofing of total surface area of 374m<sup>2</sup>. On one side, the area is edged by concrete blocks and covered by metal sheet roof cover. Storage area is used for temporary disposal and storage of components of electrical cable, copper and other waste treatment. The area contains electrical lighting installations, outlets and channel for draining rainwater to fat-oil separators.

#### **4.1.4. technical equipment o the storage area (equipment and containers used for storage)**

After rough classification of non-hazardous waste by the type of material and fine classification by geometrical parameters, waste is packed in jumbo bags and placed on wooden and plastic pallets and boxes.

#### **4.1.5 description of procedures of admitting, classifying, packing, storing and preparing waste for treatment, i.e. transportation**

After admitting of non-hazardous waste, waste is classified firstly in line with its material, and then in line with geometrical parameters.

The first type of classification is carried out on the location of waste takeover and implies disassembly stage (disassembly of machines, equipment and items) which involves separating components by material and dimensions.

The second type of classification is carried out at the plateau after unloading. During this stage, metal waste is classified by type of material, then by all relevant geometrical parameters or form parameters (pipes, sheet metal, profiles, assemblies, etc.).

The third type of classification implies separating specific types of waste, such as waste electrical cables.

#### **4.1.6. in case of storing hazardous waste- description of storage of hazardous waste which differs in origin, type and features, and measures taken during the procedure- /**

## **4.2. Information on the plant for treatment/reuse of waste, as follows:**

### **4.2.1. technological procedure of treatment: describe methods and technologies**

Treatment of hazardous waste implies “cutting” metal waste to defined dimensions, depending on the type of material and dimensions of waste which is separated after classification. During the treatment, 4 types of cutting procedures are applied:

1. Mechanical cutting is carried out by means of mechanical hydraulic scissors, mechanical manual and mechanical pneumatic scissors,
2. Flame cutting by burners is carried out by special device for flame cutting by natural gas-oxygen combustion,
3. Gas “plasma” cutting is carried out by means of high pressure compressed air for cutting stainless steel and non-ferrous metals,
4. Cutting by electrical- manual grinder is used for cutting specific metals during disassembling of sets and complex machines.

Technological procedure of treatment of waste electrical cables consists of the following operations:

- a) selection- classification,
- b) cable cutting by special alligator shears,
- v) “peeling”, i.e. removing/stripping cable insulation on the machines,
- g) gravity separation includes the entire process of granulation which implies cable grinding by three continuous operations:
  - rough grinding- preshredding of all types of selected cables,
  - primary grinding, for cables with large diameter copper conductors,
  - secondary- turbo grinding, for cables made of very thin wires,
  - gravity separation.

### **4.2.2. technical equipment of the plant/ basic information about equipment and description of used equipment and devices:**

- alligator shears- used for cutting cables into pieces,
- STRIPPER 600- used for stripping cable insulation from thicker cables,
- STRIPPER 170- used for stripping cable insulation from thin cables,
- NIW 96- universal peeler which is used for stripping Al-Fe cable bundle,
- Wire pulling machine- used for pulling off steel wire from Al-Fe wire,
- Baling press PUMA 33 “BRIM MAKINA”- used for baling non-ferrous metals,
- Baling press HP3 “ALIMAS”- used for baling non-ferrous metals,
- Gravity separation line for cables 1- used for grinding and gravity separation of cable machine,
- Gravity separation line for cables 2- used for grinding and gravity separation of cable machine,



**4.2.3. residue form the plant (type of waste, including waste code, which is generated after the treatment and assessed quantity of waste- residue from the plant which will be stored)**

After treatment of waste at the above stated location, waste plastics is generated in two forms: as granulated plastics and plastics after insulation stripping. Waste plastics and dust which are generated during recycling procedure are submitted to authorized operator which possesses waste management permit and which has signed a contract with the company-applicant.

**4.3. Information on the plant for thermal waste treatment (plant for incineration or plant for co-incineration of waste, etc.): /**

**4.4. Information on waste disposal plant: /**

**B. Conditions for plant operation**

**1. Validity of the Permit and deadline for submitting request for renewal and/or modification of the conditions defined in the Permit.**

**1.1. Validity of the Permit** for performing activities of storage and treatment of non-hazardous waste is 10 years from the date of issues, i.e. from 06.04.2021. to 06.04.2031. as in line with article 66 of Law on Waste Management.

**1.2. Deadline for submitting request for renewing the Permit:**

Request for renewing the Permit is submitted within maximum 120 days prior to the expiry of Permit validity, with the aim of providing continuity of Permit validity, all in line with article 66 of Law on Waste Management.

**2. Procedures for monitoring the operations of the plant and environment**

**2.1. Operations and management**

Plant management is carried out in compliance with Work Plan that the operator/applicant has submitted along with the request for issuing a Permit. The adopted procedures, which are integral part of the Work Plan, are in line with the conditions defined in this Permit.

The Operator delivered a Resolution on Consent to the Fire Protection Plan of Business Association "JUGO-IMPEX" d.o.o. Nis, Vazduhoplovaca nn, issued by the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations in Nis, no. 217-1407/20 dated: 06.01.2021., Program of Employee Training in the field of fire protection and Resolution on Consent to the Program of Employee Training issued by the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations in Nis, no. 217-539/19 dated: 24.06.2019.

Plant operator is obliged to implement and update Waste Management Plant Work Plan each three years, to keep records of stored non-hazardous waste and enable inspection of procedure and documents to authorized environmental inspectors.

Moreover, in case of change in the type and/or quantity of waste, change of qualified person responsible for professional waste management, opening of new plant at the same or different location, change of the operator, i.e. licensed person or any other change which is not defined in this Permit, the operator is obliged to submit a request for making changes and amendments to the current Waste Management Permit to the authorized institution.

With the aim of reducing and preventing negative impact on the environment, which can be expected at the plant, the operator is obliged to monitor and control the impact of possible emission of polluting matter in the air, water and soil, and noise, as well as to perform continuous monitoring of measures for mitigating the negative impact, all in line with legal regulations.

Operator is obliged to deliver updated and/or changed Work Plan to the organ responsible for issuing the Permit and authorized inspection organ within 15 days from the date of update.

For reducing and controlling environmental impact, the operator is to take appropriate measures of protection defined in articles 8 and 9 of the Study of Environmental Impact Assessment, all in line with the Resolution of the Directorate for Economy, Sustainable Development and Environmental Protection, no. 501-375/2010-05 dated: 26.11.2010. and 501-12/2014-05 dated: 27.02.2014.

## **2.2. Plant working hours**

On workdays, plant employees work in two shifts. Working hours of the first shift are from 08:00 a.m. to 03:00 p.m. Working hours of the second shift are from 03:00 p.m. to 11:00 p.m.

**2.3. Qualified persons who are responsible for professional work at the plant** for non-hazardous waste management are Sasa Bojic, Graduated Electrical Engineer for Industrial Energetics and Ana Stojanovic, Master Engineer of Environmental Protection, who has met all the requirements defined in article 31 of Law on Waste Management.

## **3. Location of the plant and infrastructure**

### **3.1. Conditions at the location**

Facility of the operator "JUGO-IMPEX" d.o.o. Nis at Bulevar 12. februar street consists of the plateau for classification, recycling and storage of waste, closed recycling storage, plant for recycling waste electrical cables, electrical and electronic items of waste, open storage with bridge crane, are for replacing motor oil, roof overhand and administrative area.

The location contains city public water supply network, sewerage network for draining rainwater, i.e. sanitary waste water to appropriate public sewerage collectors, all in compliance with the conditions defined by authorized Public Communal Company.

Facilities at the location (administration building and electrical work equipment) are supplied with electrical power, all in compliance with the conditions defined by authorized Electrical Supply Company, via power transformer station TS 53/10 and TS 10/04.

Operator is obliged to implement measures for securing technical correctness of the equipment, to maintain and carry out technical control of the equipment on regular basis.

### **3.2. Table with information on plant operator (name and type of plant is set up at the entrance of the plant)**

Operator is obliged to place table with clearly visible data on the name of the company and contact of the person responsible for waste management at the following location: Bulevar 12. februar street nn.

### **3.3. Ways of securing the location (setting up fence around the plant, constant location supervision with the aim of preventing access to unauthorized persons, etc.)**

The complex is fenced (2m high wire fence) along the entire northwest side towards the railway. On the north-east side, the complex is fenced by entry-exit sliding gate and 2m bar gate which is set up along the entire manipulation length of the bridge crane.

### **3.4. Ways, space/place for keeping records, timeframe for keeping records on the quantity, type of admitted, stored, treated or disposed waste, document on waste movement and other documents**

Operator is obliged to keep the records on waste management. Documents must be classified, labeled and accessible, all in line with valid regulations.

Operator is obliged to classify and sample waste in the defined manner, all in line with article 8 of Law on Waste Management (“Official Gazette of RS” no. 36/2009, 88/2010, 14/2016 and 95/2018) and Rulebook on Categories, Testing and Classification of Waste (“Official Gazette of RS” no. 56/2010 and 93/2019).

If necessary, sampling, characterization and categorization of waste is carried out by laboratories accredited by the authorized ministry.

During the delivery of waste to the authorized operator who will perform waste disposal, the operator/applicant is obliged to fill out the document on waste movement which in line with the Rulebook on Waste Movement Document and Instruction for Document Fill Out (“Official Gazette of RS” no. 114/2013) and to keep it for minimum period of five years, as well as to act in line with the defined dynamics of reporting to authorized institutions in compliance with Law on Waste Management and Rulebook on Daily Records and Annual Report on Waste, including Instruction for Record Filling Out (“Official Gazette of RS” no. 7/2020).

### **3.5 Fire protection (description of installed fire protection equipment)**

Based on the Work Plan for waste management, area for storing and treatment of non-hazardous waste is equipped with fire protection devices and contains instructions for using equipment and implementing protection procedures in case of fire.

Operator is obliged to act in line with Fire Protection Plan for which the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations Nis gave positive opinion no. 217-11407/20 on 06.01.2021.

Operator submitted Program of Employee Training in the field of fire protection for which the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations Nis gave positive opinion no. 217-539/19 on 24.06.2019.

## **4. Waste management**

### **4.1. Sampling and categorization of waste**

After being admitted, the subject waste is classified in line with its origin, character and category. Origin of waste is defined by specific code defined in EWC Code which is in line with Rulebook on Categories, Testing and Classification of Waste (“Official Gazette of RS” no. 56/2010 and 93/2019).

Character of waste is defined by accredited laboratory, while waste category is defined by the Agency by means of the resolution which defines presence in waste list and use value of waste.

Operator is obliged to classify and sample waste in appropriate manner, all in line with article 8 of Law on Waste Management (“Official Gazette of RS” no. 36/2009, 88/2010, 14/2016 and 95/2018) and Rulebook on Categories, Testing and Classification of Waste (“Official Gazette of RS” no. 56/2010 and 93/2019).

If necessary, sampling, characterization and categorization of waste will be conducted by laboratories accredited by authorized ministry.

## **4.2. Waste storage**

### **4.2.1. Conditions for storing non-hazardous waste (received waste or waste generated after the treatment at the plant) in line with the regulations**

Storage of non-hazardous waste at the subject location is carried out on:

- concreted plateau (reinforced-concrete slab, average thickness 15cm) of appropriate bearing capacity for transportation and storage of heavy load. Covered boxes for storing components from electrical cable and other waste treatment are located on one part of the plateau,
- closed storage is used for storing valuable non-ferrous metal and non-hazardous electrical waste items. One part of the storage facility is used for decomposition of complex electrical waste sets,
- open storage with bridge crane is used as primary manipulation area for storage, classification and mechanical treatment.

During the procedure of waste storage, operator is obliged to act in compliance with Rulebook on Conditions and Manner of Collection, Transportation, Storage and Treatment of Waste Used as Secondary Raw Material or for Generating Energy (“Official Gazette of RS” no. 98/2010).

### **4.2.2 Conditions for storing hazardous waste (received waste or waste generated after the treatment at the plant)**

There is no generation or storing of hazardous waste at the location.

### **4.2.3 Conditions for non-mixing of different categories of hazardous waste and conditions for non-mixing hazardous waste and non-hazardous waste, other substances or matter**

There is no generation of hazardous waste at the location.

Operator is obliged to act in line with Rulebook on Conditions and Manner of Collection, Transportation, Storage and Treatment of Waste Used as Secondary Raw Material or for Generating Energy (“Official Gazette of RS” no. 98/2010).

## **4.3 Waste treatment**

### **4.3.1 Conditions for plant operation:**

#### **4.3.1.1. Conditions for treatment/reuse of received waste**

Technological procedure of recycling is carried out in three stages:

- classification of material by material type and then by geometrical parameters,
- mechanical treatment of waste materials,
- storage of treatment products.

#### **4.3.1.2 Conditions for regular control and maintenance of equipment, devices and plant**

Operator is obliged to implement all measures for providing technical correctness of equipment and carry out regular maintenance and technical control.

#### **4.3.2 Mobile plant for waste treatment: /**

#### **4.3.3 Waste which is generated after treating waste at the plant- residue from the plant**

Based on the statement on the methods of treatment, i.e. reuse and disposal of waste residue from the plant, waste which is generated at the plant is separated in two forms: as granulated plastics and plastics which has been generated after insulation stripping. Waste plastics and dust which are generated during recycling procedure are submitted to authorized operator which possesses waste management permit and which has signed a contract with the company-applicant.

Operator is obliged to act in line with Rulebook on Conditions and Manner of Collection, Transportation, Storage and Treatment of Waste Used as Secondary Raw Material or for Generating Energy (“Official Gazette of RS” no. 98/2010).

#### **4.3.4 Plant for incineration and plant for co-incineration of waste:/**

#### **4.4. Waste disposal: /**

### **5. Protection from accidents, including accident prevention and mitigation of the consequences of the accident, and procedures for closing the plant which are in line with special regulations**

Operator is obliged to act in accordance with the Fire Protection Plan for which the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations Nis gave positive opinion no. 217-1407/20 on 06.01.2021.

Operator is obliged to act in accordance with the Program of Employee Training in the field of fire protection for which the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations Nis gave positive opinion no. 217-539/19 on 24.06.2019.

Additionally, operator is obliged to plan and implement each activity in a way which represents minimum risk to human health and environment, as well as to apply the best available techniques, technologies and equipment during professional work, and to act in line with Rulebook on Conditions and Manner of Collection, Transportation, Storage and Treatment of Waste Used as Secondary Raw Material or for Generating Energy (“Official Gazette of RS” no. 98/2010).

During the closure of the plant, operator is to act in line with the Plant Closure Plan.

### **5.1 Transitional way of operation (conditions for transitional way of operation- putting the plant to work and stopping the plant operation): /**

### **6. Termination of the operation of the plant or parts of the plant (conditions for terminating the operation of the plant or its parts)**

In case of terminating plant operation, the operator is obliged to act in line with Plant Closure Plan, and bring the location to the condition which will not harm or make damage to the environment.

### **7. Financial guarantee**

“JUGO-IMPEX” d.o.o. Nis, Vazduhoplovaca street nn, submitted insurance policy for liability of company “WIENER STADTISHE” a.d.o. Belgrade, no. 100263565 with validity period: from 01.02.2021. to 01.02.2031.

Operator is obliged to renew insurance policy in accordance with Permit validity date.

### **8. Reporting**

Operator “JUGO-IMPEX” d.o.o. Nis is obliged to comply with defined dynamics of reporting to authorized organs and institutions, all in line with Law on Waste Management (“Official Gazette of RS” no. 36/2009, 88/2010, 14/2016and 95/2018- other law) and Rulebook on Daily Records and Annual Report on Waste, including Instruction for Record Filling Out (“Official Gazette of RS” no. 7/2020).

During the waste takeover, the operator is obliged to fill out the document on waste movement in line with Rulebook on Waste Movement Document and Instruction for Document Fill Out (“Official Gazette of RS” no. 114/2013) and to keep it for minimum period of five years.

### **9. Non-technical overview of data that the request is based on**

#### **9.1. Non-technical description: /**

#### **9.2. Comments/Opinion of local Self-Administration and Stakeholders:**

Minutes on Exceptional inspection supervision, i.e. for determining fulfillment of conditions for plant operation no. 501/1-29/2021-09 dated: 09.03.2021. of City of Nis, City Administration for Communal Issues and Inspection Activities, Inspection for Environmental Protection, requested by the City of Nis, City Administration for Property and Sustainable Development, all with the aim of determining fulfillment of conditions for plant operation in terms of storing and treatment of non-hazardous waste at the subject location.

### **9.3. Representative of the public stakeholders**

City Administration of the City of Nis, Secretariat for Environmental Protection has, in line with article 69 of Law on Waste Management, informed the public on the reception of the request for issuing Permit for storage of non-hazardous waste via official Internet presentation of the City of Nis.

Opinion of the representative of the public stakeholders has not been delivered with the defined timeframe.

**II** Cost of procedure of issuing the Permit in the amount of RSD 104.750,00 was paid by the plant operator, all in line with the Law on Republic Administrative Taxes.



## Argumentation

Business Association "JUGO-IMPEX" Limited Liability Company for trade and services Nis, Vazduhoplovaca street nn, submitted to the City Administration for Property and Sustainable Development request for revising Permit for storage and treatment of non-hazardous waste no. 313-341/2010-09 dated: 12.04.2011 for the location: Bulevar 12. februar nn in Nis, cadaster plots no. 1388/1 and 1388/7 Cadaster Area Nis- Crveni Krst, City Municipality Crveni Krst.

Along with the request, the operator submitted the following documents:

- Form for issuing Permit for storage of non-hazardous waste dated: 18.12.2020.,
- Decision on appointing qualified persons who are responsible for professional operation of the plant dated: 17.12.2020. copies of the diplomas of qualified persons which confirm academic education, Certificates of the Ministry of Interior no. 235-1/12029 and 235/12030 dated: 02.12.2020. that qualified persons have not been convicted. Certificates on submitted application, change and withdrawal of mandatory social insurance for Sasa Bojic and Ana Stojanovic,
- operator's documents based on article 62 of Law on Waste Management, as follows: Work Plan of Waste Management, Plant Closure Plan, Statement on Methods of Waste Treatment, i.e. Reuse or Waste Disposal and Statement on Methods of Treatment, i.e. Reuse and Disposal of Plant Residue,
- statement of the General Manager of the Foundry and Recycling Center of Business Association "JUGO-IMPEX" d.o.o. Nis that the capacity, types of waste, methods of treatment and equipment defined in Work Plan and Impact Assessment Study "Plateau for classification, storage and recycling (mechanical treatment) of metal waste from iron, steel, stainless steel, non-ferrous metals and electrical waste mixed with non-hazardous components" have not changed,
- Business registry excerpt from the Agency for Business Registry, dated: 26.11.2020.,
- Resolution of the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations Nis on giving consent to Fire Protection Plan no. 217-1407/20 dated: 06.01.2021.,
- Resolution of the Ministry of Interior, Sector for Emergency Situations, Department for Emergency Situations Nis on giving consent to Program of Employee Training in the field of fire protection no. 217-539/19 dated: 24.06.2019.,
- Resolution on giving consent to the Impact Assessment Study "Plateau for classification, storage and recycling (mechanical treatment) of metal waste from iron, steel, stainless steel, non-ferrous metals and electrical waste mixed with non-hazardous components" issued by Department for Economy, Sustainable Development and Environmental Protection of the City of Nis, no. 501-375/2010-05 dated: 26.11.2010.

- Minutes on inspection supervision of the City Administration for Communal Issues and Inspection Activities, Inspection for Environmental Protection no. 501/1-29-21-09 dated: 09.03.2021.
- Information obtained by Real Estate Cadaster, Real Estate Registry List no. 1516 and 5336 Cadaster Area is- Crveni Krst, Republic Geodetic Bureau, Department for Real Estate Cadaster, Nis, no. 951-1-068/2020-3884 dated: 09.09.2020.
- Certificate of paying appropriate administrative tax,
- Insurance policy for liability of company “WIENER STADTISHE” a.d.o. Belgrade, no. 100263565 with validity period: from 01.02.2021. to 01.02.2031.

After inspecting the validity of the request and submitted documents, City Administration for Property and Sustainable Development has concluded that the request of the operator “JUGO-IMPEX” Limited Liability Company for trade and services Nis has fulfilled all conditions for initiating the decision-making process on issuing Permit for storage and treatment of non-hazardous waste.

Pursuant to article 63 of Law on Waste Management, City Administration for Property and Sustainable Development informed the public about the submitted request. No opinions of the representative of public stakeholders were been delivered within the defined timeframe.

In line with 63 of Law on Waste Management, City Administration for Property and Sustainable Development obtained the Minutes on Exceptional Inspection Supervision of City Administration for Communal Issues and Inspection Activities, Inspection for Environmental Protection no. 501/1-29/21-09 dated: 09.03.2021.

Having in mind the above stated, City Administration for Property and Sustainable Development conducted the procedure in line with Law on Waste Management, considered the operator’s request, inspected the submitted documents and assessed that all requirements for issuing Permit for storage and treatment of non-hazardous waste were met by the plant operator Business Association “JUGO-IMPEX” Limited Liability Company for trade and services Nis, Vazduhoplovaca street nn, business reg. no. 07578865 for the location: Bulevar 12. februar street nn, cadaster plots no. 1388/1 and 1388/7 Cadaster Area Nis-Crveni Krst, City Municipality Crveni Krst, ant thus the Permit for storage and treatment of non-hazardous waste is registered in the Public Registry of Issued Permits for Storage and Treatment od Waste under reg no. 061.

**LEGAL REMEDY INSTRUCTION:** Operator may file complaint against this Decision to the Ministry of Environmental Protection of the Republic of Serbia within 15 days from the date of receiving the Decision. Complaint is filed to first-degree organ, along with receipt of paid republic administrative tax in the amount of RSD 480,00 by tariff no. 6 of Law on Republic Administrative Taxes (“Official Gazette of RS” no. 43/3, 51/03, 53/04, 45/05, 61/05, 101/05, 42/06, 47/07, 54/08, 5/09, 54/09, 35/10, 50/11, 70/11, 55/12, 93/12, 47/13, 57/14, 45/15, 83/15, 112/15, 50/16, 61/17, 113/17, 3/18, 50/18, 95/18, 38/19 and 98/20).

**Decided in the City of Nis, City Administration for Property and Sustainable Development, Up. no. 501-119/2020-04, dated: 06.04.2021.**

Deliver to:

- Plant operator,
- Registry of Issued Permits,
- Authorized inspection organ,
- Archives

Deputy Head of  
City Administration for Property and Sustainable Development  
Ruzica Djordjevic, signature  
Official stamp: Republic of Serbia,  
City of Nis,  
City Administration for Property and Sustainable Development