



**REPUBLIC OF TURKEY**  
**MINISTRY OF ENVIRONMENT AND URBANIZATION**  
**Directorate General of Environmental Impact Assessment, Permit and Inspection**

**ENVIRONMENTAL PERMIT AND LICENSE CERTIFICATE**

**Document No** : 228871288.0.1  
**Starting Date** : 21.10.2021  
**Ending Date** : 21.10.2026

**Name of the Facility** : GCL RECYCLING AND REFINERY IND.TRD.INC.CO  
**Facility Address** : Kavaklı Mah. Kible Sokak No: 8/1 Silivri / ISTANBUL  
**Business Tax No** : 3890743591  
**Environmental Permit and License Subject** : Air Emission  
Non-Hazardous Waste Recycling, Waste Electrical and Electronic Equipment Processing

The facility, the name and full address of which is stated above, has been granted the ENVIRONMENTAL PERMIT AND LICENSE CERTIFICATE within the scope of Environmental Permit and Licensing Regulation and it is valid only when it is presented together with the letter dated 20.10.2020 and numbered 58003700-150 / E.1421. It is not effective separately.

 e-imzalıdır

**e-signed**  
**Mehrali ECER**

**In the name of the Minister**  
**General Director of EIA Permit and Inspection**

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Issue Number : 58003700-150 / E.1421

October 20, 2021

Subject : Environmental Permit and License Certificate

**GCL RECYCLING AND REFINERY IND.TRD.INC.CO**  
**Kavaklı Mah. Kible Sokak No: 8/1 Silivri / ISTANBUL**

- Reference: a) Your application dated October 07, 2020 and numbered 509673.  
b) The Temporary Activity Certificate dated December 03, 2020.  
c) Your application dated May 12, 2021 and numbered 514080.

The application that was filed for Temporary Activity Certificate, referenced as (a) above, in accordance with the Article 8 of the Environmental Permit and Licensing Regulation that was published on the Official Gazette with issue no. 29115 and dated September 10, 2014, was approved and Temporary Activity Certificate was granted with our letter, referenced as (b) above, in line with the Article 8 of the mentioned Legislation.

An application was filed as per Article 9 of this Legislation for the Environmental Permit and License Certificate, referenced as (c) above. The said application was examined within the scope of Article 9 of the Legislation and other relevant legislations and it has been decided that an ENVIRONMENTAL PERMIT and LICENSE CERTIFICATE be granted for your facility that is located in the address of Kavaklı Mah. Kible Sokak No:8/1 Silivri/ISTANBUL and that such certificate be valid until October 21, 2026.

Your facility must be operated in line with the working conditions attached to this document during the time when the ENVIRONMENTAL PERMIT and LICENSE CERTIFICATE will be effective. Otherwise, the certificate in question will be cancelled and administrative sanction will be imposed in accordance with the relevant article of the Environmental Law No. 2872.

Respectfully submitted for your information and attention.

**e-signed**  
**Mehrali ECER**  
**In the name of the Minister**  
**General Director of EIA, Permit and Inspection**

**Annexes:**

- 1)Waste and DR Codes
- 2)Environmental Permit Conditions

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**WASTES THAT WILL BE ADMITTED TO THE PLANT AND THEIR CODES**

**Waste Electrical and Electronic Equipment Processing (R12)**

160213 Discarded equipment containing dangerous parts other than those from 16 02 09 to 16 02 12

160214 Discarded equipment other than those from 16 02 09 to 16 02 13

160215 Hazardous parts removed from discarded equipment

160216 Parts removed from discarded equipment other than 16 02 15

200121 Fluorescent lamps and other mercury-containing waste

200135 Discarded electrical and electronic equipment containing hazardous components (7) other than those mentioned in 20 01 21 and 20 01 23

200136 Discarded electrical and electronic equipment other than 20 01 21, 20 01 23 and 20 01 35

**Non-Hazardous Waste Recycling (R12, R13, R4, R7)**

080318 Waste printing toner other than 08 03 18

090110 Battery-free disposable cameras

090112 Battery operated disposable cameras other than 09 01 11

170411 Cables other than 17 04 10



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**FACILITY PERMIT CONDITIONS**

**Air Emission**

- As per Article 14 of Industrial Air Pollution Control Regulation (SKHKKY) that was published on the Official Gazette dated July 03, 2009 and with issue number 27277, air emissions will be measured for the purpose of confirmation every two years and, if it is requested, the results of such measurements will be submitted to competent authorities or to inspectors during inspections.
- On-site roads of the establishments shall be cleaned regularly in order to prevent dust emission (carryover) as per Appendix-1 of SKHKKY.
- The additional adjustments which will be requested by the competent authority within the scope of Article 15 of SKHKKY shall be abided by.
- The limit values that are mentioned in Appendix-1 of SKHKKY shall be maintained.
- The provisions and principles which are set out in Article 6 of SKHKKY shall be abided by in the establishment.
- The limit values that are mentioned in Appendix-5 of SKHKKY shall be maintained.
- The flue gas flow rate and flue height of the flues through which establishment emissions are released to the atmosphere must conform to current principles and provisions.
- Flue gas treatment units that are available in the establishment shall be operated during the manufacturing process.
- The provisions that are set out in Article 11 of Environmental Permit and License Legislation (ÇİLY) shall be abided by with regard to the changes that will be made in the facility.

**Non-Hazardous Waste Recycling**

- The safety of the personnel who works in the risky departments of the facility must be ensured.
- Gases, explosives and materials with infectious disease risks should not be accepted to the plant at all.
- Mass Balance entries must be made and approved monthly on the last day of the following second month at the latest via the "Waste Management Application" at <https://ecbs.cevre.gov.tr> that belongs to our ministry.
- The provisions that are set out in Article 11 of Environmental Permit and License Legislation (ÇİLY) shall be abided by with regard to the changes that will be made in the facility.
- The waste management, from taking waste into the plant to recycling, and to final disposal of non-recyclable waste and waste that comes from the plant must be conducted within the scope of environmental legislation and relevant regulations.
- Any waste that is listed in Appendix-IV of Waste Management Regulation that became effective upon its issuance on the Official Gazette dated April 02, 2015 and with issue number 29314 should not be admitted to the facility, except for the types of waste that are permitted within the scope of Environmental Permit and License Certificate.
- Records must be kept with regard to the amount of waste accepted, processed and disposed of at the facility and the amount of recovery and / or recycling and such records must be preserved for five years.
- If the facility is closed, operations and procedures that are required as per provisions and principles of Waste Management Regulation must be performed accordingly.



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### **Waste Electrical and Electronic Equipment Processing**

- Appropriate methods and technologies that are required for ensuring that the rates of recycling and recovery meet those mentioned in the Regulation on WEEE must be used on condition that measures are taken as required to protect environmental and human health.
- WEEEs that pose a risk to employees due to the pollutants they contain should not be accepted to the facility in line with national health and safety standards.
- In order to reduce the negative effects of parts and materials, of waste electrical and electronic equipment operated in processing facilities, that contain some harmful substances on environmental health and human health, the parts specified in Paragraph 3, Article 14 of the Waste Electrical and Electronic Equipment Control Regulation must be removed and stored separately from other parts in accordance with environmental legislation and its recovery/disposal must be ensured.
- The transportation of WEEEs from centers, distributors and transfer and other waste generators' centers to the facility must be carried out by licensed vehicles and the principles to be regulated by the Ministry regarding transportation must be followed.
- Mass Balance entries must be made and approved monthly on the last day of the following second month at the latest via the "Waste Management Application" at <https://ecbs.cevre.gov.tr> that belongs to our ministry.
- The provisions that are set out in Article 11 of Environmental Permit and License Legislation (ÇİLY) shall be abided by with regard to the changes that will be made in the facility.
- The waste management, from taking waste into the plant to recycling, and to final disposal of non-recyclable waste and waste that comes from the plant must be conducted within the scope of environmental legislation and relevant regulations.
- Any waste that is listed in Appendix-IV of Waste Management Regulation that became effective upon its issuance on the Official Gazette dated April 02, 2015 and with issue number 29314 should not be admitted to the facility, except for the types of waste that are permitted within the scope of Environmental Permit and License Certificate.
- Records must be kept with regard to the amount of waste accepted, processed and disposed of at the facility and the amount of recovery and / or recycling and such records must be preserved for five years.
- If the facility is closed, operations and procedures that are required as per provisions and principles of Waste Management Regulation must be performed accordingly.
- LIST OF WASTE ELECTRICAL AND ELECTRONIC GOODS CATEGORIES THAT CAN BE ADMITTED WITHIN THE SCOPE OF ENVIRONMENTAL PERMIT AND LICENSE CERTIFICATE ARE SPECIFIED BELOW
  - 1. Large household items
    - Washing machines
    - Dryers
    - Dishwashers
    - Cooking devices
    - Electrical furnaces
    - Electrical sheets
    - Microwaves
    - Other large food cooking and preparation devices
    - Electrical heaters
    - Electrical radiators



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- Other large devices used for heating rooms, beds and sitting groups
- Electrical fans/aspirators
- Other large household items within the scope of the definition of electrical and electronic equipment
- 2. Small home appliances
- Vacuum cleaners
- Carpet washing machines
- Other cleaning machines
- Knitting, weaving, sewing machines and other fabric processing machines
- Ironing machines, ironing and other garment care appliances
- Toasters
- Frying machines
- Grinders, coffee machines, packaging devices
- Electrical Knives
- Haircuts, hair dryers, brushing teeth, shaving, massage and other body care tools
- Wall clocks and watches and other devices for measuring and displaying or recording time
- Scales
- Other small household appliances within the scope of the definition of electrical and electronic equipment
- 3. IT and telecommunications equipment
- Hosts (Mainframe)
- Mini computers
- Printer Units
- Personal computers (including central processing unit, mouse, screen and keyboard)
- Notebook computers (Including central processing unit, mouse, screen and keyboard, notebook, laptop and the like)
- Palmtop computers (Notepad and the like)
- Printers
- Copying equipment
- Electrical and electronic typewriters
- Pocket and desk calculators and other products and equipment used for electronic information collection, storage, processing, presentation or transmission
- User terminals and systems
- Fax machines
- Telex
- Phones
- Pay phones
- Cordless phones
- Mobile phones
- Other products and equipment used to transmit sound, images and other information via answering machines and telecommunications.
- Other informatics and telecommunication equipment within the scope of the definition of electrical and electronic equipment

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- 4. Consumer equipment
  - Radio receivers
  - Television receivers
  - Video cameras
  - Video recorders
  - Hi-fi recorders
  - Sound amplifiers
  - Musical Instruments
  - Other products and equipment used for image and sound recording or their reproduction, including signals and other technologies for the distribution of images and sound other than telecommunications
  - Other consumer equipment within the scope of the definition of electrical and electronic equipment
- 5. Lighting equipment
  - Fluorescent lamp illuminators excluding domestic use
  - Straight fluorescent lamps
  - Compact fluorescent lamps
  - High power discharge lamps, including pressurized sodium lamps and metal halide lamps
  - Low pressure sodium lamps
  - Other equipment used for light output or light control, except glow filament bulbs
  - Other consumer equipment within the scope of the definition of electrical and electronic equipment
- 6. Electrical and electronic equipment (excluding large and fixed industrial appliances)
  - Drills
  - Saws
  - Sewing machines
  - Lathe, mill, sanding, sandpaper, cutting, shredding, drilling, boring, forging, folding, bending and other processing tools used in the processing of wood, metal or other materials
  - Tools for riveting, nailing, screwing, removing rivets, nails and screws and similar operations
  - Welding, soldering machines and similar machines
  - Equipment used for spraying, dispensing, spreading or other application of liquid or gaseous substances
  - Tools used in lawn mowing and other gardening work
  - Other electrical and electronic equipment within the scope of the definition of electrical and electronic equipment
- 7. Toys, entertainment and sports equipment
  - Electrical train and racing car sets
  - Handheld video game consoles
  - Video games
  - Computers used for sports such as cycling, running, rowing, etc.
  - Electrical or electronic sports equipment
  - Coin-operated machines
  - Other toys, entertainment and sports equipment within the scope of the definition of electrical and electronic equipment
- 8. Medical devices (excluding implantation products and products in contagious contact)
  - Radiotherapy equipment
  - Cardiology equipment

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- Dialysis
- Artificial respiration apparatus
- Nuclear medicine equipment
- Laboratory equipment required for tube diagnosis
- Analysis equipment
- Reproduction tests
- Other devices and instruments used for detecting, preventing, monitoring, healing, alleviating diseases, wounds and disabilities
- Other medical devices within the scope of definition of electrical and electronic equipment
- 9. Monitoring and control instruments
- Smoke detector
- Heat regulators
- Thermostats
- Measuring, weighing and adjusting devices and instruments used in domestic or laboratory environment
- Other control and monitoring instruments used in industrial facilities (eg control panels)
- Monitoring and control devices within the scope of the definition of electrical and electronic equipment
- 10. Vending Machines
- Hot beverage vending machines
- Hot or cold bottle or can vending machines
- Vending machines for solid products
- Cash dispensers
- All tools that deliver all kinds of products automatically
- Other vending machines within the scope of the definition of electrical and electronic equipment

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