



University Ege University

Country Turkey

Web Address www.ege.edu.tr



12.2.3 : Policy waste disposal - hazardous materials

12.2.3.1: Waste tracking

Studies in new period



Göktürk BURSALI Müdür a. Çevre, Şehircilik ve İklim Değişikliği İl Müdür Yrd.





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RESPONSIBLE CONSUMPTION AND PRODUCTION

Hazardous waste compulsory liability insurance





BİREYSEL TEHLİKELİ MADDELER VE TEHLİKELİ ATIK ZORUNLU MALİ SORUMLULUK SİGORTA POLİÇESİ

Değerli Müşterimiz,

Allianz allesine hoş geldiniz. Sizleri aramızda görmekten çok mutluyuz, her zaman sizin ve sevdiklerinizin yanınızdayız. Allianz TEHLİKELİ MADDELER VE TEHLİKELİ ATIK ZORUNLU MALİ SORUMLULUK aranılmüzü sercih ettiğiniz için teşekkür ederil

Acente Adi:	13090 BORA NURI ÜRKMEZ ZIRVE SIG.ACENTELIĞI / Allianz Prime Kulüp Üyes	
Adres:	Türkiye, İzmir 35330, Balçova, Karutürk Mah. Payraz Sakak Na:6 D:B	
Telefon:	2322790722	
Foks:	2322790722	
Levho Kayıt No:	G08612-E44P	

Police No	Önceki Police No	Boşlangıç Tarihi	Bitis Tarihi
0001-0310-04423527	0001-0310-04010283	08/04/2024 12:00	08/04/2025 12:00
50resi:	1 yil		

SIGORTA ETTIREN BILGILERI

Adi Soyodi :	E.Ü.Rektörlüğü Döner Sermaye İşletme Müdürlüğü	TEK No/VKN:	323****38
Adresi :	Türkiye, İzmir 35100, Bornova, Kazımdirik Mah. Üniversite Caddesi . No:9		
GSM/E-mail:	53* 2** 7* *0 / b*********** @zirvesigorta.com		

Adi Soyadi:	E.U.Rektörlüğü Döner Sermaye İşletme Müdürlüğü	
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GSM/E-mail:	53* 2** 7* *0 / b*********@zirvesigorta.com	

RIZIKO BILGILERI

Riziko Adresi :	UAVT: 796293, TÜRKİYE, İZMİR 35100, BORNOVA, MERKEZ, KAZIMDİRİK. MAH., ÜNİVERSİTE CAD,/SOK. NO:9
Sigorto Konusu:	Tehlikeli Madde ve Atik
Foollyet Tip Kodu:	Uretim, Depolama, Toptan Satis ve Kullanım
Faaliyet Detay Kodu:	SATISI 2.698.000 TL-13.487.999 TL OLANLAR
Orûn Sinifi :	DIGER KIMYEVI MADDELER (OKSIJEN, ASETILEN, KARPIT, SENTET
Çalışan sayısı:	1
Yillik Toplam Cira:	3025000,00 TL
Denize Uzaklık :	10
Meskun Mahal :	Hayir
Ruhsat Veren Kurum:	Çevre Şehircilik ve İklim Değişikliği Bakanlığı
Bildirim Yapılacak Kurum:	Çevre Şehircilik ve İklim Değişikliği Bakanlığı
Ruhsat Numarasi:	1234
Ruhsat Başlangıç Tarihi:	01/01/2005
Ruhsat Bitis Tarihi :	01/01/2050

ZIRVE SIGORTES





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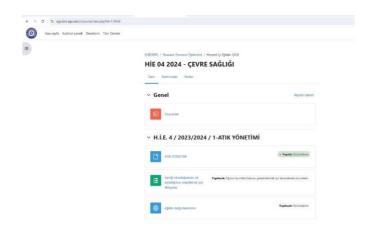
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RESPONSIBLE CONSUMPTION AND PRODUCTION

Hazardous waste agreement - 2023-2024



Our university staff receive environmental health training at regular intervals.



Ege University implements an "Integrated Waste Management System" to ensure the environmentally safe disposal of hazardous wastes generated from educational, academic, research, and service activities.





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In the approach of "Waste Management," the "Leaf-Branch-Trunk" model is employed, encompassing processes from the point of waste generation to its environmentally sensitive disposal. "Waste Reduction" constitutes the backbone of our university's <u>Sustainable Green University policy</u>, implemented since 2017.

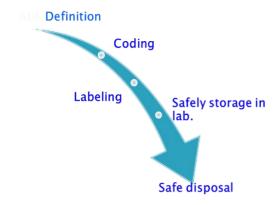
Ege University has become one of the 10 pilot universities where the protocol will be implemented as a result of the sustainable studies it has carried out with the slogans of "Green Campus" and "Climate-Friendly Campus". Ege University Zero Waste Action Plan was prepared to move from the basic level to Silver, Gold and Platinum levels, aiming for the smooth operation of the zero waste system and waste reduction. Ege University has established a Zero Waste commission for the realization and follow-up of these works. As of 2023, activities will be carried out according to the action plan.

HAZARDOUS WASTE DISPOSAL POLICY OF EGE UNIVERSITY

Ege University follows 4 steps in its hazardous waste policy.

Recognizing waste
 Coding waste
 Labeling waste
 Storing and disposing of waste

Figure 1.



Type of hazardous material in EgeU	Unit	Type of management	
Lab. chemicals	All department	Figure 1	





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Medical wastes	Hospital, dentistry, biology, etc.	Figure 2
Electronics	All department	Figure 1
Waste battery	All department	Figure 1

Figure 2



Medical waste disposal policy of Eu Medical Faculty and Hospital



a) Coding and labeling b) Contemporary storage c) Inside of the storage





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RESPONSIBLE CONSUMPTION AND PRODUCTION

SOME GOOD PRACTICES IN EGE U

1. Waste Battery

Online meeting with our vice-rector and waste coordinators



Online meeting on "Waste Battery Training" with our Faculties of Dentistry, Agriculture, Pharmacy, Engineering and Nursing.

2. Electronic Wastes







RESPONSIBLE CONSUMPTION

AND PRODUCTION

Template for Evidence(s)

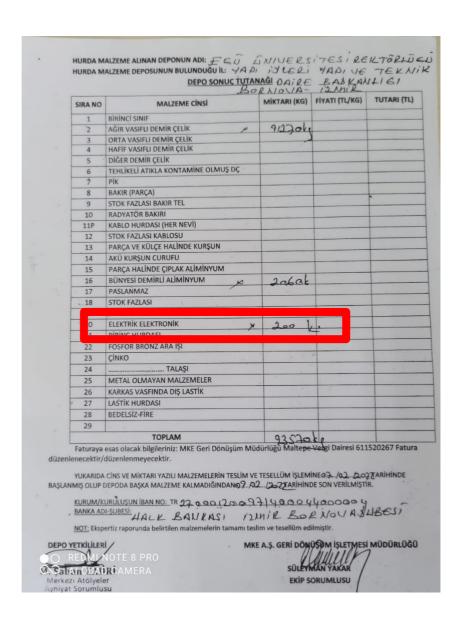
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Department of Information Technology electronic waste

Since electronic wastes are fixed assets, they are kept by the financial departments of the units on our campus and sent to the Machinery and Chemical Industry with a receipt in accordance with the laws of our country. In addition, mobile waste centers have areas open to the public where electronic waste can be disposed of.



3. Toxic wastes



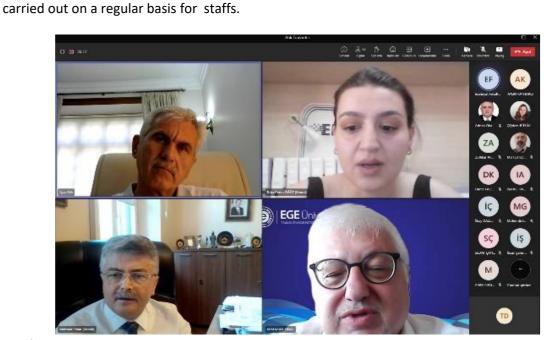


in previous years. In order for the management to be carried out in an orderly educations are

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RESPONSIBLE CONSUMPTION Turkey AND PRODUCTION Web Address www.ege.edu.tr The management of hazardous waste management in our campus continues on a regular basis, as



4.







CONSUMPTION

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Zero Waste Management Certificate awarded by the Ministry of Environment and Urbanization (Until 2025)

Ege University was chosen as the leading university within the scope of the 'Zero Waste' Project initiated by the Ministry of Environment and Urbanization. Ege University was the first state university to implement the project, which was initiated to use resources more efficiently and reduce the amount of waste.



The Portable Battery Manufacturers and Importers Association (TAP, https://tap.org.tr) was contacted and provided Waste Battery boxes for all of our departments on each floor. At the same time, posters prepared by TAP were procured and placed on these waste battery boxes on the floors to raise awareness. On the other hand, it was aimed to raise awareness of environmental protection by distributing Small Waste Battery boxes to the rooms of all our academic and administrative personnel in our departments, and this service was offered up to the offices.



Ege University implements an integrated waste management system. Within the scope of this waste management, packaging wastes, hazardous wastes, organic wastes, etc. are managed in accordance with the zero waste regulation. As a result of these applications, Ege University was entitled to receive the first document given in the images above.

We have a zero waste booklet and a green university guide to raise awareness of students, academics, staff and the public on the subject.





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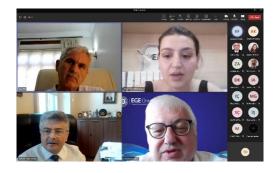




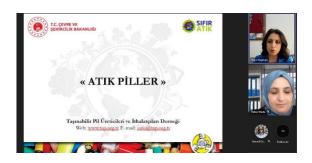
Within the scope of the zero waste project, indoor recycling bins (5200 units) were placed in all buildings within the University, and outdoor recycling bins (94 units) were placed outside of all buildings.

The temporary storage area was equipped with high-volume garbage containers (4 units) to store recyclable waste collected from university buildings.

The management of hazardous waste management in our campus continues on a regular basis, as in previous years. In order for the management to be carried out in an orderly educations are carried out on a regular basis for staffs.



Online meeting with our vice-rector and waste coordinators







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Online meeting on "Waste Battery Training" with our Faculties of Dentistry, Agriculture, Pharmacy, Engineering and Nursing.



There are waste batteries, waste oil and electronic waste boxes in mobile waste collection centers. Available for all campus visitors and society (https://twitter.com/EUCevreMerkezi/status/1635621594558091265)



Management of toxic wastes

Hazardous wastes generated in laboratories are collected in hazardous storage stations and disposed within legal periods. Within this scope, trainings in coordination with the Ministry of Environment and Urbanization are given to our personnel assigned as hazardous waste coordinator and controls are made regarding the process.





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The Portable Battery Manufacturers and Importers Association (TAP, https://tap.org.tr) was contacted and provided Waste Battery boxes for all of our departments on each floor. At the same time, posters prepared by TAP were procured and placed on these waste battery boxes on the floors to raise awareness. On the other hand, it was aimed to raise awareness of environmental protection by distributing Small Waste Battery boxes to the rooms of all our academic and administrative personnel in our departments, and this service was offered up to the offices.

Electronic waste management





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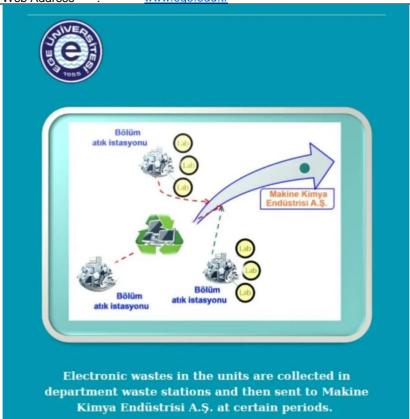


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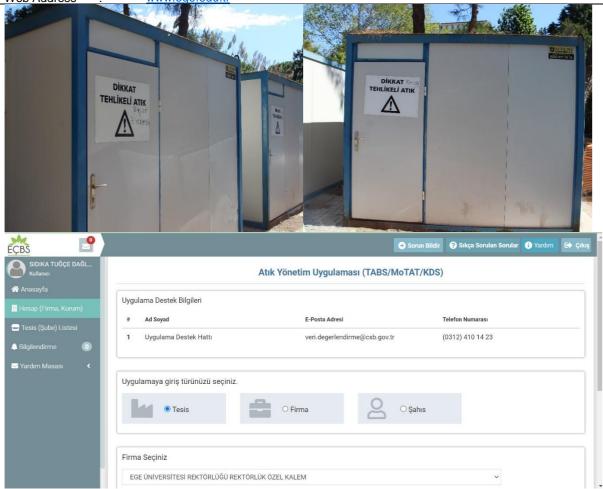


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Hazardous waste containers located outside for each department. At this location, wastes are delivered to licensed hazardous waste transportation companies and detailed data are submitted to the online web site of the Ministry of Eenvironment.







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Waste Pharmaceutical Collection Box: There is a Waste Medicine Box in our units within the scope of the "Pharmaceutical removal from home to environment for environmental health" project carried out within the scope of the Social Responsibility Project at our university. All personnel bring waste drugs to this box and leave them under the auspices of the officer. It is known that the disposal of drugs that are used in the treatment of various diseases and whose expiration date has expired, with inappropriate methods cause significant environmental problems. By ensuring that these wastes are collected and delivered to the relevant units and destroyed in accordance with the relevant laws, less damage to the environment is ensured.





Eczacılık Fakültesi Gecici Depolama İstasyonu



Fluorescent lamps and cartridge toners are collected in hazardous waste areas as toxic wastes.

BİTKİSEL ATIK YAĞ TOPLAMA SÖZLEŞMESİ 1.1. Bu sözleşme, bir tarafıa EGE ÜNİVERSİTESİ REKTÖRLÜĞÜ İdari ve Mali İşler Daire Başkanlığı (bundan sonra ATİK ÜRETİCİSİ sifatyla İDARE olarak anılacaktır) ile diğer tarafıa HABİTAT GERİ DÖNÜŞÜM VE ÇEVKE HİZMETLERİ LTD.ŞTİ (bundan sonra TOPLAYİCI sifatyla YÜKLENİCİ olarak anılacaktır) arasında aşağıda yazılı şartlar dahilinde akdedilmiştir. Madde 2 - Tarafıara ilişkin bilgiler 2.1. İdarenin a) Adı: EGE ÜNİVERSİTESİ REKTÖRLÜĞÜ İdari ve Mali İşler Daire Başkanlığı * b) Adresi: Genelik Caddesi, No.1.2 Bornova/İZMİR.35949 - Bornova / İZMİR. c) Telefon numarası: 23.23.11.2011 c) Faks numarası: 23.23.11.2124 d) Elektronik posta adresi(varsa): cari@mail.ege.edu.tr 2.2. Yüklenicinin a) Adı ve soyadı/Ticaret unvanı: HABİTAT GERİ DÖNÜŞÜM VE ÇEVRE HİZMETLERİ LTD.ŞTİ b) T.C. Kimlik No: -- c) Verşi Kimlik No: -54 057 6888 c) Yüklenicinin tebligatı esas adresi: Balatışık Mİ. Ege San.Sili S901/3 Sk. I.Blok No.3-1 Çiğli/ İZMİR d) Telefon numarası: 232.2779910-535.5472649 e) Bildirime esas elektronik posta adresi (varsa) 2.3. Her iki tarafı 2.1 ve 2.2. maddelerinde belirtilen adreslerini tebliğat adresleri olarak kabul etmişlerdir. Adres değişiklikleri usulune uygun şekilde karşı tarafı tebliğ edilmedikçe en son bildirilen adrese yapılacak tebliğ iğili tarafı yapılmış sayılır. Madde 3. Sözleşmenin konusu: Ege Üniversitesi (İdare) mutfaklarında yemek yapımı sonucu ortaya çıkacak tahmini 25,000 kg (+- %20) kullanılmış atık bilkisel yağın, yüklenici firma tarafından; 2872 sayılı Çevre Kamunu ve Bilkisel Alık Yağlarını Kontrol'ü Yönetmeliği esaslarına uygun olarak çevre ve insan sağılığına zararı oluşturmayacak şekilde atık yönetiminin sağlamması, Bilkısel Atık Yağlarını dolyrun başılarını adılanın araşların vasıtasıyla atık yağların toplanması ve geri kazamın tesisine ulaştırılması işidir. Madde 4. Sözleşme bedelite birim fiyatın çarpımı sonucu bulunan (25 000 kg X 2,433-TL/kg karşılığı başına teklir delilen birim fiyatın çarpımı sonucu bulunan (25 000 kg X 2,433-TL/kg k





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Example of Toxic Waste Treatment Usage: Hazardous waste collection area (Ege University , Turkey)







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Since the year 2011, all of the studies and implamentation in the main campus in this context carried out according to Ege University Hazardous Wastes Directive (2011) and Ege University Hazardous Wastes Directive Practice Principles (2011) and national legislation.

Ege University was chosen as a leading university within the scope of the 'Zero Waste' Project initiated by the Ministry of Environment and Urbanization. Ege University was the first state university to implement the project, which was initiated to use resources more efficiently and reduce the amount of waste.



Ege University Hazardous Wastes Directive (2011) and Ege University Hazardous Wastes Directive Practice
Principles (2011)

Related links:

http://euatik.ege.edu.tr/files/euatik/icerik/eu_tehlikeli_atiklar_uygulama.pdf http://euatik.ege.edu.tr/files/euatik/icerik/eu_tehlikeli_atiklar_yonergesi.pdf https://euatik.ege.edu.tr/



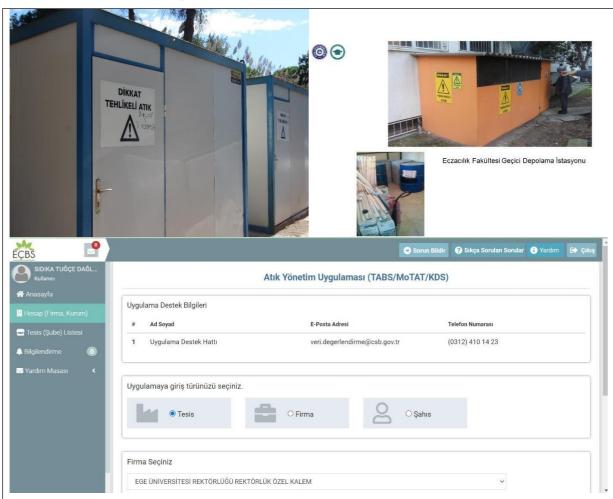


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Hazardous waste containers located outside for each department. At this location, wastes are delivered to licensed hazardous waste transportation companies and detailed data are submited to the online web site of the Ministry of Environment.





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Hazardous wastes generated in laboratories are collected in temporary storage stations and disposed within legal periods. Within this scope, trainings in coordination with the Ministry of Environment and Urbanization are given to our personnel assigned as hazardous waste coordinator and controls are made regarding the process <a href="https://euatik.ege.edu.tr/tr-9296/atik.ege.edu.tr/tr-



In our university campus, used batteries are collected separately. These batteries are collected by the portable battery manufacturers association (TAP) whose duty is the collection of waste batteries to ensure environmentally compatible management, handling, recycling

Each Faculty has a battery box within its own buildings and all battery waste is transported free of charge to the government-appointed TAP.







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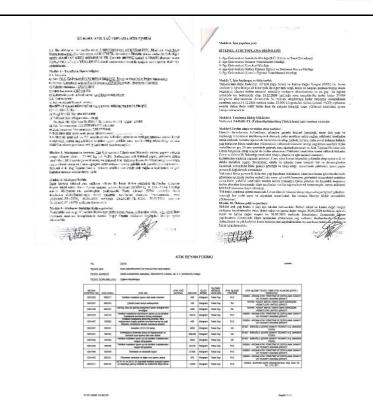
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Vegetable waste oils produced in central kitchens and cafeterias are collected in separate containers and delivered to a licensed company for use in biodiesel or industrial oil production.

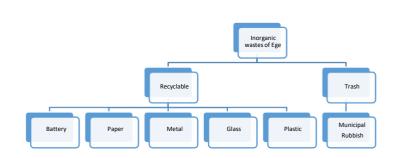
vegetable oil



Waste Vegetable Oil Collection Agreement and waste declaration forms.

Temples of evidences on recyclable wastes is given in sections 12.2.4-12.4.6.













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Ege University Faculty of Medicine Hospital located in the Health Campus,, which has a capacity of 1816 beds, provides training services as well as outpatient and inpatient services in 17 major branches, 12 major surgeries, 18 minor surgeries, and 15 basic medical units. Ege University Faculty of Medicine Hospital was selected as "A Plus Hospital" with 96.28 points in the evaluation made by the Department of Productivity and Quality of the Ministry of Health in 2019.



https://egehastane.ege.edu.tr/files/egehastane/icerik/tanitimkitapcigi.pdf

The documents prepared for the safe use and disposal of hazardous chemicals within the term without wasting at Ege University Hospital is made available to employees in the Quality Document Management System (QDMS) and . Hazardous and medical wastes are managed in line with the "Waste Management Plan" and the "Industrial Waste Management Plan" approved by the Ministry of Environment and Urbanization





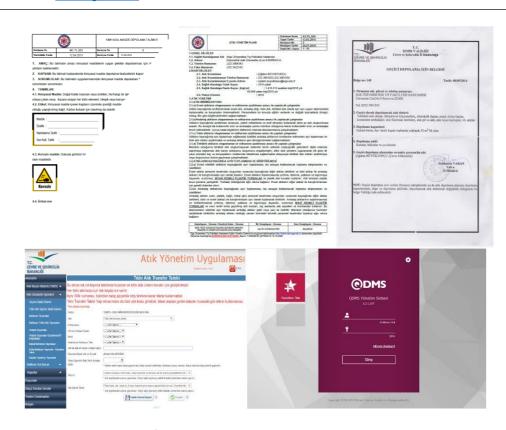


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Example documents for Ege University Hospital waste management system

During all these services, various wastes are generated in the hospital. These wastes according to the regulations and Waste Management Plan are separated according to their type at their source, collected, transported and temporarily stored and their disposal is provided by licensed companies or institutions .





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Management of radioactive waste is carried out in line with Republic of Turkey Atomic Energy Agency regulations. Radiology laboratories have switched to a digital system, and radiology bath solution wastes are not formed, but if there is a need for legal preservation, or X-ray films that have expired in the archive, they are delivered to licensed companies for recovery and disposal.

Operating rooms, outpatient clinics, laboratories, such as hospital units with technical and administrative units power the scrapped and electronic equipment inventory drops storing of office supply unit after the "Republic of Turkey Mechanical and Chemical Industry Corporation" to licensed firms through are delivered.

Related documents and date of release about the hospital waste management system;

- Hazardous Materials Management Plan (first 2011, revised April 12, 2013)
- Hazardous Materials Activity Certificate 2016-2021
- Industrial Waste Management Plan (approved by the Ministry of Environment and Urbanization)
- Chemical Storage Instruction (April 12, 2013)
- Waste Management Plan (first March 13, 2015, revised July 25, 2019
- List of Classification of Wastes Arising from Healthcare Institutions
- List Of Dangerous Waste Codes And Definitions March 13, 2015
- Temporary Storage Permit, (August 05, 2014)