

**Appendix 1 to TÜV Nord Certificate no. 009.19**

**Entsorgungsbetrieb**  
**Adolf Mückenhaupt GmbH & Co. KG**  
**Grubebachstraße 43**  
**D-33129 Delbrück**

Producer number: E77420105  
Transporter number: E77480082  
Disposer number: E77474009

<b>Site: Grubebachstraße 43, D-33129 Delbrück</b>	
<b>Facility type 1: car pool</b>	
<b>Certified types of waste for the activities collecting and transporting</b>	
<b>waste no.</b>	<b>Type of waste</b>
01	wastes resulting from exploration, mining, quarrying, physical and chemical treatment of minerals
02	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
03	wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
04	wastes from the leather, fur and textile industries
05	wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
06	wastes from inorganic chemical processes
07	wastes from organic chemical processes
08	wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
09	wastes from the photographic industry
10	wastes from thermal processes
11	wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
12	wastes from shaping and physical and mechanical surface treatment of metals and plastics
13	oil wastes and wastes of liquid fuels (except edible oils, 05 and 12)
14	waste organic solvents, refrigerants and propellants (except 07 and 08)
15	waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
16	wastes not otherwise specified in the list
17	construction and demolition wastes (including excavated soil from contaminated sites)
18	wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)
19	wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
20	municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions

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<b>Site: Grubebachstraße 43, D-33129 Delbrück</b>		
<b>Facility type 2: Plant for storage, treatment and handling of wastes</b>		
<b>Certified types of waste for the activities treatment (3), disposal (4), recovery (5) and trading (6)</b>		
<b>waste no.</b>	<b>Type of waste</b>	
01 01 01	wastes from mineral metalliferous excavation	3,4,6
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05	3,4,6
01 03 08	dusty and powdery wastes other than those mentioned in 01 03 07	3,4,6
02 01 10	waste metal	4,6
03 01 01	waste bark and cork	3,4,6
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04	4,6
03 01 99	wastes not otherwise specified	3,4,6
03 03 99	wastes not otherwise specified	4,6
06 11 99	wastes not otherwise specified	3,4,6
10 02 01	wastes from the processing of slag	3,4,6
10 02 02	unprocessed slag	3,4,6
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07	3,4,5,6
10 02 10	mill scales	3,4,5,6
10 03 02	anode scraps	4,6
10 03 04*	primary production slags	4,6
10 03 21*	other particulates and dust (including ball-mill dust) containing dangerous substances	4,6
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21	4,6
10 05 01	slags from primary and secondary production	3,4,6
10 05 04	other particulates and dust	3,4,6
10 06 01	slags from primary and secondary production	3,4,6
10 06 02	dross and skimmings from primary and secondary production	3,4,6
10 06 04	other particulates and dust	3,4,6
10 07 01	slags from primary and secondary production	3,4,6
10 07 02	dross and skimmings from primary and secondary production	3,4,6
10 07 04	other particulates and dust	3,4,6
10 08 04	particulates and dust	3,4,6
10 08 09	other slags	3,4,6
10 08 14	anode scrap	3,4,6
10 09 03	furnace slag	3,4,6
10 09 11*	other particulates containing dangerous substances	3,4,6
10 09 12	other particulates other than those mentioned in 10 09 11	3,4,6
10 09 15*	waste crack-indicating agent containing dangerous substances	3,4,6
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15	3,4,6



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<b>Site: Grubebachstraße 43, D-33129 Delbrück</b>		
<b>Facility type 2: Plant for storage, treatment and handling of wastes</b>		
<b>Certified types of waste for the activities treatment (3), disposal (4), recovery (5) and trading (6)</b>		
<b>waste no.</b>	<b>Type of waste</b>	
10 09 99	wastes not otherwise specified	3,4,5,6
10 10 03	furnace slag	3,4,6
10 10 11*	other particulates containing dangerous substances	3,4,6
10 10 12	other particulates other than those mentioned in 10 10 11	3,4,6
10 10 15*	waste crack-indicating agent containing dangerous substances	3,4,6
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15	3,4,6
11 05 01	hard zinc	3,4,6
11 05 02	zincash	3,4,6
12 01 01	ferrous metal filings and turnings	3,4,5,6
12 01 02	ferrous metal dust and particles	3,4,5,6
12 01 03	non-ferrous metal filings and turnings	3,4,5,6
12 01 04	non-ferrous metal dust and particles	3,4,6
12 01 05	plastics shavings and turnings	3,4,6
12 01 13	welding wastes	3,4,5,6
12 01 14*	machining sludges containing dangerous substances	3,4,6
12 01 15	machining sludges other than those mentioned in 12 01 14	3,4,6
12 01 16*	waste blasting material containing dangerous substances	3,4,6
12 01 17	waste blasting material other than those mentioned in 12 01 16	3,4,6
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil	3,4,6
12 01 20*	spent grinding bodies and grinding materials containing dangerous substances	3,4,6
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20	3,4,6
12 01 99	wastes not otherwise specified	3,5,6
15 01 01	paper and cardboard packaging	3,4,6
15 01 02	plastic packaging	3,4,6
15 01 03	wooden packaging	4,6
15 01 04	metallic packaging	3,4,5,6
15 01 05	composite packaging	3,4,6
15 01 06	mixed packaging	4,6
15 01 07	glass packaging	4,6
15 01 09	textile packaging	4,6
15 01 10*	packaging containing residues of or contaminated by dangerous substances	4
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	3,4,6
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	3,4,6

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<b>Site:</b> Grubebachstraße 43, D-33129 Delbrück		
<b>Facility type 2: Plant for storage, treatment and handling of wastes</b>		
<b>Certified types of waste for the activities treatment (3), disposal (4), recovery (5) and trading (6)</b>		
<b>waste no.</b>	<b>Type of waste</b>	
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components	3,4,6
16 01 07*	oil filters	3,4,6
16 01 12	brake pads other than those mentioned in 16 01 11	3,4,6
16 01 16	tanks for liquefied gas	3,4,6
16 01 17	ferrous metal	3,4,5,6
16 01 18	non-ferrous metal	3,4,5,6
16 01 19	plastic	3,4,6
16 01 20	glass	4,6
16 01 22	components not otherwise specified	3,4,5,6
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	3,4,5,6
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15	3,4,5,6
16 06 04	alkaline batteries (except 16 06 03)	3,4,6
16 06 05	other batteries and accumulators	3,4,6
16 06 06*	separately collected electrolyte from batteries and accumulators	3,4,6
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)	3,4,6
16 08 02*	spent catalysts containing dangerous transition metals (3) or dangerous transition metal compounds	3,4,6
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified	3,4,6
16 08 04	spent fluid catalytic cracking catalysts (except 16 08 07)	3,4,6
16 08 07*	spent catalysts contaminated with dangerous substances	3,4,6
17 01 01	concrete	4,6
17 01 02	bricks	4,6
17 01 03	tiles and ceramics	4,6
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	4,6
17 02 01	wood	4,6
17 02 02	glass	3,4,6
17 02 03	plastic	3,4,6
17 04 01	copper, bronze, brass	3,4,6
17 04 02	aluminium	3,4,5,6
17 04 03	lead	3,4,6
17 04 04	zinc	3,4,6
17 04 05	iron and steel	3,4,5,6
17 04 06	tin	3,4,6



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<b>Site: Grubebachstraße 43, D-33129 Delbrück</b>		
<b>Facility type 2: Plant for storage, treatment and handling of wastes</b>		
<b>Certified types of waste for the activities treatment (3), disposal (4), recovery (5) and trading (6)</b>		
<b>waste no.</b>	<b>Type of waste</b>	
17 04 07	mixed metals	3,4,6
17 04 11	cables other than those mentioned in 17 04 10	3,4,5,6
17 05 04	soil and stones other than those mentioned in 17 05 03	4,6
17 05 06	dredging spoil other than those mentioned in 17 05 05	4,6
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	4,6
19 01 02	ferrous materials removed from bottom ash	3,4,5,6
19 01 11*	bottom ash and slag containing dangerous substances	3,4,6
19 01 12	bottom ash and slag other than those mentioned in 19 01 11	3,4,6
19 10 01	iron and steel waste	3,4,6
19 10 02	non-ferrous waste	3,4,6
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03	3,4,6
19 10 06	other fractions other than those mentioned in 19 10 05	3,4,6
19 12 01	paper and cardboard	3,4,6
19 12 02	ferrous metal	3,4,5,6
19 12 03	non-ferrous metal	3,4,5,6
19 12 04	plastic and rubber	3,4,6
19 12 05	glass	3,4,6
19 12 06*	wood containing dangerous substances	3,4,6
19 12 07	wood other than that mentioned in 19 12 06	4,6
19 12 08	textiles	3,4,6
19 12 09	minerals (for example sand, stones)	3,4,6
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	3,4,6
20 01 01	paper and cardboard	3,4,6
20 01 02	glass	3,4,6
20 01 21*	fluorescent tubes and other mercury-containing waste	3,4,6
20 01 34	batteries and accumulators other than those mentioned in 20 01 33	3,4,6
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	3,4,6
20 01 38	wood other than that mentioned in 20 01 37	3,4,6
20 01 39	plastics	3,4,6
20 01 40	metals	3,4,5,6
20 03 01	mixed municipal waste	3,4,6

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**Legend:**

<sup>1)</sup> = wastes may generally not be discharged

Hanover, 24<sup>th</sup> November 2015

i.V.

Sebastian Hartmann

Head of Certification Body for  
Qualified Waste Management Facilities  
pursuant to §56, 57 KrWG (Germany)

Martin Hartzsch

Reviewing Expert

**Appendix 2 to TÜV Nord Certificate no. 009.19**

**Entsorgungsfachbetrieb**  
**Adolf Mückenhaupt GmbH & Co. KG**  
**Grubebachstraße 43**  
**D-33129 Delbrück**

Producer number: E77420105  
Disposer number: E77474008

<b>Site:</b> Am Grubebach 10, D-33129 Delbrück	
<b>Facility type:</b> Intermediate storage for non-hazardous wastes	
<b>Certified types of waste for the activity storage</b>	
<b>waste no.</b>	<b>Type of waste</b>
10 02 10	mill scales
10 09 99	wastes not otherwise specified
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 13	welding wastes
12 01 99	wastes not otherwise specified
15 01 01	paper and cardboard packaging
15 01 04	metallic packaging
16 01 17	ferrous metal
16 01 18	non-ferrous metal
17 04 02	aluminium
17 04 05	iron and steel
17 04 11	cables other than those mentioned in 17 04 10
19 01 02	ferrous materials removed from bottom ash
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
20 01 40	metals

Hanover, 24<sup>th</sup> November 2015

i.V.

Sebastian Hartmann

Head of Certification Body for  
Qualified Waste Management Facilities  
pursuant to §56, 57 KrWG (Germany)

Martin Hartzsch

Reviewing Expert



**Appendix 3 to TÜV Nord Certificate no. 009.19**

**Entsorgungsfachbetrieb**  
**Adolf Mückenhaupt GmbH & Co. KG**  
**Grubebachstraße 43**  
**D-33129 Delbrück**

Producer number: E77420105  
Disposer number: E77474009

<b>Site: Grubebachstraße 41, D-33129 Delbrück</b>	
<b>Facility type: Intermediate storage for non-hazardous wastes</b>	
<b>Certified types of waste for the activity storage</b>	
<b>waste number</b>	<b>Type of waste</b>
10 02 10	mill scales
10 09 99	wastes not otherwise specified
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 13	welding wastes
12 01 99	wastes not otherwise specified
15 01 01	paper and cardboard packaging
15 01 04	Metallic packaging
16 01 17	ferrous metal
16 01 18	non-ferrous metal
17 04 02	aluminium
17 04 05	iron and steel
17 04 11	cables other than those mentioned in 17 04 10
19 01 02	ferrous materials removed from bottom ash
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
20 01 40	metals

Hanover, 24<sup>th</sup> November 2015

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Martin Hartzsch

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