

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Alchemy Metals Limited

Alchemy Metals Limited

Cavendish Point Cavendish Road Stevenage Hertfordshire SG1 2EU

Variation application number

EPR/NP3391EE/V008

Permit number

EPR/NP3391EE

Alchemy Metals Limited Permit number EPR/NP3391EE

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This variation adds two new waste treatment activities to the permit; degassing of equipment such as transformers containing sulphur hexafluoride (SF6), and draining of polychlorinated biphenyls (PCB) contaminated oils from waste electrical and electronic equipment (WEEE). The variation also includes the addition of several new waste codes and an extension to the permit boundary.

The schedules specify the changes made to the original permit.

We consider that in reaching our decision to vary the permit we have taken into account all relevant considerations and legal requirements and that the permit will ensure at least an equivalent level of protection to human health and the quality of the environment.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application determined EPR/NP3391EE	01/12/10	Permit SR2008 No 11 Issued to Alchemy Metals.
Variation determined EPR/NP3391EE	17/10/13	Varied permit issued.
Application EPR/NP3391EE/V003 (admin variation)	08/12/14	Application withdrawn.
Variation determined EPR/NP3391EE	20/02/15	Varied permit issued.
Application EPR/NP3391EE/V005 (variation)	07/07/15	Application returned.
Application EPR/NP3391EE/V006 (variation)	Duly Made 16/05/17	Application to extend site boundary, to add one waste code and to add a drying activity for plastic cabling.
Additional information received	25/0917	Response to Schedule 5 Notice regarding the request of a Fire Prevention Plan
Variation determined EPR/NP3391EE	03/11/17	Varied permit issued.
Application EPR/NP3391EE/V007 (variation and consolidation)	Duly made 27/02/18	Application to add a large number of waste codes and, update the existing site plan and update the Fire Prevention Plan.
Additional Information received	18/04/18	Response to Request for further Information 1 regarding a request for a Fire Prevention Plan.

Status log of the permit		
Description	Date	Comments
Additional Information received	04/05/18	Response to Request for further Information 2 regarding a request for a Fire Prevention Plan
Variation determined EPR/NP3391EE	29/05/18	Varied permit issued.
Application EPR/NP3391EE/V008 (variation)	Duly made 08/06/23	Application to: Add two new waste treatment activities to the permit; degassing of equipment such as transformers containing sulphur hexafluoride (SF6), and draining of polychlorinated biphenyls (PCB) contaminated oils from waste electrical and electronic equipment (WEEE); add new waste codes; and extend the permit boundary.
Variation determined EPR/NP3391EE	27/06/23	Varied permit issued

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/NP3391EE

Issued to

Alchemy Metals Limited ("the operator")

whose registered office is

Cavendish Point Cavendish Road Stevenage Hertfordshire SG1 2EU

company registration number 02867001

to operate a regulated facility at

Alchemy Metals Limited Cavendish Point Cavendish Road Stevenage hertfrodshire SG1 2EU

to the extent set out in the schedules.

The notice shall take effect from 27/06/2023

Name	Date
Charlotte Wakefield	27/06/2023

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 - conditions to be amended

The following conditions are amended as a result of the application made by the operator Schedule 1 Table S1.1 is amended to the following:

Table S1.1 activities		
Description of activities for waste operations	Limits of activities	
R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Treatment operations shall be limited to: Treatment consisting only sorting, separation, grading, shearing, shredding, balling, repackaging, compaction	
	Treatment consisting only sorting, separation, grading, shearing, shredding, baling, repackaging, compaction, crushing, granulation, washing, and cutting of ferrous metals or alloys and non-ferrous metals into different components for recovery of wastes. • Treatment in shredders of metal waste, including WEEE and ELVs and their components for recovery (no more than 75 tonnes per day) • Storage and treatment (consisting only of drainage of oils) of wastes containing polychlorinated biphenyls • Storage and treatment (consisting only of degassing) of wastes containing ozone-depleting substances and sulphur hexafluoride No more than 10 tonnes per day of hazardous waste to be treated at the site. Temporary storage of hazardous waste shall not exceed 50 tonnes at any one time. There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing. Wastes shall be stored for no longer than 1 year prior to disposal or 3 years prior to recovery.	
	Waste types as specified in Table S2.1	
	Uncontaminated plastic, glass and ferrous and non- ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an impermeable surface with sealed drainage system.	

Schedule 1 Table S1.2 is amended to the following:

Table S1.2 Operating techniques		
Description	Parts	Date Received
Response to Request for further information received 2 dated 04/05/18.	Approved Fire Prevention Plan consisting of the following documents: Fire Prevention Plan: EPR/NP3391E/V007 version No 4 (SLR Ref: 416.04296.00007/FPP) and all appendices	22/06/23
Variation Application V008 Non- Technical Summary EPR/NP3391EE/V007 version No 2 June 2023 (SLR Ref: 416.04296.00007)	Sections 4.4, 7.1.1, 7.1.2 and 7.3.4	08/06/23

Schedule 2 Table S2.1 is amended to the following:

Table S2.1 Permitted waste types and quantities for Metal Recycling and a hazardous waste physical treatment facility.	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 75,000 tonnes a year.
Waste code	Description.
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 04	waste plastics (except packaging)
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 99	wastes not otherwise specified
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 99	wastes not otherwise specified
02 04	wastes from sugar processing
02 04 99	wastes not otherwise specified
02 05	wastes from the dairy products industry
02 05 99	wastes not otherwise specified
02 06	wastes from the baking and confectionery industry
02 06 99	wastes not otherwise specified
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 99	wastes not otherwise specified

03	Wastes from wood processing and the production of panels and furniture,
	pulp, paper and cardboard
03 01	wastes from wood processing and the production of panels and furnitue
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 99	wastes not otherwise specified
06	Wastes from inorganic chemical processes
06 04	metal-containing wastes other than those mentioned in 06 03
06 04 05*	wastes containing other heavy metals
08	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
08 03	wastes from MFSU of printing inks
08 03 18	waste printing toner other than those mentioned in 08 03 17
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 99	wastes not otherwise specified
10	Wastes from thermal processes
10 01	wastes from power stations and other combustion plants (except 19)
10 01 99	wastes not otherwise specified
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 13*	sludges and filter cakes from gas treatment containing hazardous substances
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 02 99	wastes not otherwise specified
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 04*	primary production slags
10 03 05	waste alumina
10 03 08*	salt slags from secondary production
10 03 09*	black drosses from secondary production

10 03 15*	skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 22	other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 25*	sludges and filter cakes from gas treatment containing hazardous substances
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 99	wastes not otherwise specified
10 04	wastes from lead thermal metallurgy
10 04 01*	slags from primary and secondary production
10 04 02*	dross and skimmings from primary and secondary production
10 04 05*	other particulates and dust
10 04 07*	sludges and filter cakes from gas treatment
10 04 99	wastes not otherwise specified
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 04	other particulates and dust
10 05 06*	sludges and filter cakes from gas treatment
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 05 99	wastes not otherwise specified
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 07*	sludges and filter cakes from gas treatment
10 06 99	wastes not otherwise specified
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 99	wastes not otherwise specified
10 08	wastes from other non-ferrous thermal metallurgy
10 08 04	particulates and dust
10 08 09	other slags
10 08 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in hazardous quantities
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 14	anode scrap

10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08
10 08 99	wastes not otherwise specified
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
11	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 09*	sludges and filter cakes containing hazardous substances
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 99	wastes not otherwise specified
11 05	wastes from hot galvanising processes
11 05 01	hard zinc
11 05 02	zinc ash
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
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 05	plastics shavings and turnings
12 01 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08*	machining emulsions and solutions containing halogens
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 13	welding wastes
12 01 14*	machining sludges containing hazardous substances
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 16*	waste blasting material containing hazardous substances
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 01 20*	spent grinding bodies and grinding materials containing hazardous substances
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
12 01 99	wastes not otherwise specified

12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids
12 03 02*	steam degreasing wastes
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 01*	hydraulic oils, containing PCBs
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01*	insulating or heat transmission oils containing PCBs
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 04	metallic packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 10*	packaging containing residues of or contaminated by hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

16	Wastes not otherwise specified in the list
16 01	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 (except 13, 14, 16 06 and 16 08)
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing hazardous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	components not otherwise specified
16 01 99	wastes not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 09*	transformers and capacitors containing PCBs
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 04	waste explosives
16 04 01*	waste ammunition, consisting of spent ammunition cartridges only
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 08	spent catalysts
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 02*	spent catalysts containing hazardous transition metals or hazardous transition metal compounds

17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 09*	metal waste contaminated with hazardous substances
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 04 11	cables other than those mentioned in 17 04 10
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
18	Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 01	sharps (except 18 01 03)
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01	sharps (except 18 02 02)
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
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 99	wastes not otherwise specified
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 99	wastes not otherwise specified
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01	solid waste from primary filtration and screenings
19 09 99	wastes not otherwise specified

19 10	wastes from shredding of metal-containing wastes	
19 10 01	iron and steel waste	
19 10 02	non-ferrous waste	
19 10 03*	fluff-light fraction and dust containing hazardous substances	
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03	
19 10 05*	other fractions containing hazardous substances	
19 10 06	other fractions other than those mentioned in 19 10 05	
19 11	wastes from oil regeneration	
19 11 01*	spent filter clays	
19 11 02*	acid tars	
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	
19 12 02	ferrous metal	
19 12 03	non-ferrous metal	
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	
20 01	separately collected fractions (except 15 01)	
20 01 01	paper and cardboard	
20 01 02	glass	
20 01 08	biodegradable kitchen and canteen waste	
20 01 10	clothes	
20 01 11	textiles	
20 01 25	edible oil and fat	
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27	
20 01 29*	detergents containing hazardous substances	
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	
20 01 34	batteries and accumulators other than those mentioned in 20 01 33	
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	
20 01 38	wood other than that mentioned in 20 01 37	
20 01 39	plastics	
20 01 40	metals	
20 01 99	other fractions not otherwise specified	
20 02	garden and park wastes (including cemetery waste)	
20 02 03	other non-biodegradable wastes	
20 03	other municipal wastes	
20 03 01	mixed municipal waste	
20 03 07	bulky waste	
20 03 99	municipal wastes not otherwise specified	

Schedule 3 - conditions to be added

The following conditions are added as a result of the application made by the operator

2.7 Pre-operational conditions

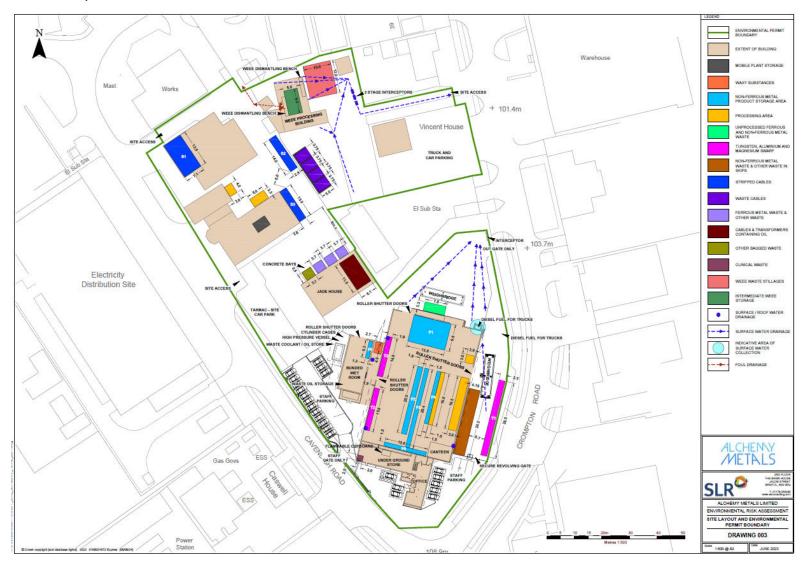
2.7.1 The operations specified in schedule 1 table S1.6 shall not commence until the measures specified in that table have been completed.

Table S1.6 is added to Schedule 1

Reference	e-operational measures for future development Operation	Pre-operational measures
1	Acceptance of waste under waste code 16 04 01*	The operator shall submit a waste acceptance procedure specific to the acceptance of waste under 16 04 01* that shall:
		 detail the methodology to be used to prevent or minimise the possibility of accepting live ammunition under this waste code;
		 detail the methodology to be used to check incoming wastes under this waste code to identify whether any live ammunition is present; and
		 detail the actions to be taken should any live rounds be identified.
		No 16 04 01* wastes shall be accepted until the Environment Agency has given its written approval of the waste acceptance procedure.

Schedule 4 – amended plan

Amended plan attached



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