



ENVIRONMENTAL ASPECTS RISK REGISTER

VAIL-EHS-070LT01

	Role	Date
Originator	EH&S Advisor	19 DEC 2023
Reviewer	EH&S Manager	30 Jan 2024
Process Owner	EH&S Manager	30 Jan 2024
Approved By	EH&S Manager	30 Jan 2024
Authorised for Publishing	Quality Engineer	30 Jan 2024

Issue No	1
Revision No	6
Date	30 January 2024
Supersedes	VAIL-ENV-005LT01 Iss 1 Rev 5

REVISION NUMBER	SUMMARY OF UPDATE & REVIEW	DATE INCORPORATED
1	Initial Issue.	09/12/2019
1.1	Minor format changes	10-Dec-20
1.2	Almondbank site assessments reviewed. Supervisor titles updated on linked assessments. ALM/AE/003 - vapour degreasing removed. ALM/AE/005 - Aqua-Fortis removed. ALM/AE/014 - Walnut Shell removed. ALM/AE/025 - Process no longer used. ALM/AE/030 & 032 - FEL qtys changed. ALM/AE/047 - Flood defence works completed. ALM/AE/049 - Probability of flood risk lowered to 1.	22 Dec 2020
1.3	ALM/EA/056 added for temporary boiler at Almondbank site	09-Dec-21
1.4	Changes to ALM/EA/017, 18, 19, 20, 21, 22 to remove building 56 references. Change to ALM/EA/036 due to boilers not currently in use	11-Aug-22
1.5	Changes to ALM/EA/010 and 011 activity descriptions. ALM/EA/012 processes no longer carried out but left for future reference with zero impact.	15-Aug-22
1.6	ALM/EA/057, 058 & 059 added.	19-Dec-23

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Site	Serial Number	Process / Activity	Risk Rating Emergency Conditions	Significant?	Risk Rating Routine Conditions	Significant?
Almondbank	ALM/EA/001	Treatment of Effluent From Plating Shop (Building 35) Through Effluent Treatment Plant	540	Yes	24	No
Almondbank	ALM/EA/002	Storage of Acids and Alkalis in Laboratory, Stores and Holding Containers in and Around Plating Shop (Building 35)	300	Yes	16	No
Almondbank	ALM/EA/003	Aquaous Alkaline Degreasing, Nickel Strike and Electroless Plating, Phosphating in Plating Shop (Building 35)	375	Yes	24	No
Almondbank	ALM/EA/004	Nickel Electroplating. Nital and Sulphuric Acid Etch. Sulphuric Acid Anodising, Deoxidine, Anodic Stripping, Silver Plating (incl. Strike), Dichromate Seal and Alkali Degrease (minco). Processes Carried out in Plating Shop (Building 35)	375	Yes	24	No
Almondbank	ALM/EA/005	Chrome Stripping, Electroless Nickel Stripping, Chromic Acid Anodising, and Emphax Metal Cleaning in Plating Shop (Building 35)	375	Yes	24	No
Almondbank	ALM/EA006	Tin Plating in Plating Shop (Building 35) – Process Removed (as checked Jan 2013) – Aspect no Longer in Place.	0	No	0	No
Almondbank	ALM/EA/007	Removal of Harmful Constituents of Air Emissions From Plating Shop (Building 35), Through Scrubber System	300	Yes	24	No
Almondbank	ALM/EA/008	Chrome Plating in Plating Shop (Building 35)	375	Yes	24	No

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Almondbank	ALM/EA/009	Cadmium Plating, Stripping and Passivation in Plating Shop (Building 35)	450	Yes	24	No
Almondbank	ALM/EA/010	Application of Teflon in Surface Finishing Facility (Building 44)	180	No	24	No
Almondbank	ALM/EA/011	Application of Primers PR205, PR143, Etch. Application of Acrylic, Epoxy and Polyurethane Finishes. All the Above Contain VOCs. Carried out in Surface Finishing Facility (Building 44)	180	No	24	No
Almondbank	ALM/EA/012	Application of wood varnishes and treatments carried out in Surface Finishing Facility (Building 44) – No longer carried out.	0	No	0	No
Almondbank	ALM/EA/013	Thinning of Paints and Cleaning of Brushes Using Brushwash, Carried out in Surface Finishing Facility (Building 44)	144	No	24	No
Almondbank	ALM/EA/014	Paint Removal by Blasting with Plastic Media in Enclosed Booths Within the Paint Strip Facility (Building 46). During Preparation: Waste Water Recycled, Waste Neutraliser Recycled	36	No	16	No
Almondbank	ALM/EA/015	Paint Removal by Hand Strip Methods, Within the Paint Strip Facility (Building 46)	54	No	16	No
Almondbank	ALM/EA/016	Degreasing of Components in Blast Cabinet Carousel Within the Paint Strip Facility (Building 46)	36	No	16	No
Almondbank	ALM/EA/017	Stripping of Aircraft Transmission Components in Buildings 62G, 62F and 38.	81	No	16	No
Almondbank	ALM/EA/018	Assembly of Aircraft Transmission Components in Buildings 62G, 62F and 38.	81	No	16	No

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Almondbank	ALM/EA/019	Survey of Aircraft Transmission Components in Buildings 62G, 62F and 38.	24	No	4	No
Almondbank	ALM/EA/020	Testing of Aircraft Transmission Components in Buildings 62G, 62F and 38.	192	No	24	No
Almondbank	ALM/EA/021	Strip, Survey and Assembly of Hydraulic Aircraft Components in Buildings 62B and 60	81	No	8	No
Almondbank	ALM/EA/022	Testing of Hydraulic Aircraft Components in Buildings 62B and 60	108	No	16	No
Almondbank	ALM/EA/023	General Work Activities in Office Areas Throughout the Site, Including the use of IT Equipment	4	No	1	No
Almondbank	ALM/EA/024	Handling and Transportation of Hazardous Materials Throughout the Site	375	Yes	16	No
Almondbank	ALM/EA/025	Welding in Building (9) with use of LEV (Facility no longer used)	0	No	0	No
Almondbank	ALM/EA/026	Use of Refrigerators for Both Domestic and Engineering Processes Throughout the Site	54	No	8	No
Almondbank	ALM/EA/027	Health Monitoring in Building 1	16	No	1	No
Almondbank	ALM/EA/028	Use of Machinery for Manufacture and Repair of Components, and Maintenance of the Equipment, in Building 62E	81	No	16	No
Almondbank	ALM/EA/029	Stowage and consignment of redundant chemicals. Storage and issuing of diesel. Carried out in and around Building, 26.	375	Yes	16	No
Almondbank	ALM/EA/030	Stowage and Consignment of Waste Paper in Building 24 and Dry Recyclable Materials in 5 off, 8m³ Front End Loading (FEL) Skips Behind Building 38, Next to Building 51 and in Front of	54	No	8	No
Almondbank	ALM/EA/031	Stowage and Crushing (empty drums) of Scrap Metals in Building 24 for Recycling	54	No	8	No

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Almondbank	ALM/EA/032	Loading and Maintenance of General Waste in 3 off, 8m³ Front End Loading (FEL) Skips Behind Building 38, Next to Building 51 and in Front of	54	No	8	No
Almondbank	ALM/EA/033	Storage of Flammable Materials Prior to use, in Building 30	375	Yes	16	No
Almondbank	ALM/EA/034	Storage of Spares, Packaging of Items for Despatch and General Joinery Work Carried out Within Building 61	8	No	1	No
Almondbank	ALM/EA/035	Storage of Items Awaiting Despatch Internally and Externally, and Final Despatch, Inside and Outside Building 61	54	No	8	No
Almondbank	ALM/EA/036	Heating the Site, and Steam Energy for Various Processes, From Building 33 (Not currently in use)	100	No	1	No
Almondbank	ALM/EA/037	Vehicle Parking	24	No	8	No
Almondbank	ALM/EA/038	Overhaul and Repair of Fuel Components in Building 62L	54	No	8	No
Almondbank	ALM/EA/039	Testing of Fuel Components in Building 62L	54	No	8	No
Almondbank	ALM/EA/040	Testing of Fuel Components in Building 40	192	No	16	No
Almondbank	ALM/EA/041	Replacement of Foam on Blade Roots of C130 & P3 Propellers in Building 62L	144	No	8	No
Almondbank	ALM/EA/042	Repair and Replacement of Blade De-icing Blanket of C130 & P3 Propellers, in Building 45	24	No	4	No
Almondbank	ALM/EA/043	Transport of Incoming and Outgoing Products From Site	27	No	2	No
Almondbank	ALM/EA/044	Maintenance of Grounds Surrounding the Buildings	36	No	3	No
Almondbank	ALM/EA/045	Parking of Cars and Other Vehicles	24	No	2	No

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Almondbank	ALM/EA/046	Production of CO2	48	No	48	No
Almondbank	ALM/EA/047	Flood Defence Works (Now Completed)	0	No	0	No
Almondbank	ALM/EA/048	Snow Melt From Bunded Chemical Waste Areas	24	No	4	No
Almondbank	ALM/EA/049	Flood From River Almond and Pow Burn	6	No	1	No
Almondbank	ALM/EA/050	Maintenance and Demolition Activity	72	No	4	No
Almondbank	ALM/EA/051	Packaging of Products	4	No	4	No
Almondbank	ALM/EA/052	Contractors Working on Site	96	No	4	No
Almondbank	ALM/EA/053	Operation of Plant and Machinery During Silent Hours	96	No	8	No
Almondbank	ALM/EA/054	Development of Land Adjacent to Site for Housing	24	No	1	No
Almondbank	ALM/EA/055	24 Hour Security	48	No	2	No
Almondbank	ALM/EA/056	Temporary Boiler	108	No	32	No
Almondbank	ALM/EA/057	Storage of Various Solid & Liquid Wastes in Waste Management Bunded Area	384	Yes	81	No
Almondbank	ALM/AE/058	Storage of Various Solid & Liquid Wastes in Electroplating Bunded Area and within Electroplating Workshops Areas	144	No	24	No
Almondbank	ALM/AE/059	Storage of Various Solid & Liquid Wastes in Paint & Paint Strip Areas.	81	No	18	No

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Fleetlands	FLT/EA/001	Aircraft Refinish Facility Emissions to Air	192	No	64	No
Fleetlands	FLT/EA/002	Aircraft Refinish Facility Releases to Water	160	No	40	No
Fleetlands	FLT/EA/003	Engine Cleaning Plant Emissions to Air	300	Yes	135	No
Fleetlands	FLT/EA/004	Engine Cleaning Plant Releases to Water	300	Yes	90	No
Fleetlands	FLT/EA/005	Chemical and Oil Management	240	No	100	No
Fleetlands	FLT/EA/006	Bulk Fuel Storage	300	Yes	100	No
Fleetlands	FLT/EA/007	Engine Cleaning	240	No	80	No
Fleetlands	FLT/EA/008	Aircraft Cleaning	240	No	80	No
Fleetlands	FLT/EA/009	Refuelling and Defuelling Aircraft	240	No	6	No
Fleetlands	FLT/EA/010	Management of Waste	192	No	48	No
Fleetlands	FLT/EA/011	Asbestos Management	240	No	15	No
Fleetlands	FLT/EA/012	Energy Use	180	No	72	No
Fleetlands	FLT/EA/013	Flooding	100	No	1	No
Fleetlands	FLT/EA/014	Fire	432	Yes	1	No

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Fleetlands	FLT/EA/015	Contractor Activities on Site	96	No	24	No
Fleetlands	FLT/EA/016	Grounds Maintenance	4	No	4	No
Fleetlands	FLT/EA/017	Parking of Cars and Other Vehicles	4	No	4	No
Fleetlands	FLT/EA/018	24/7 Security	4	No	4	No
Fleetlands	FLT/EA/019	Operation of Air conditioning Units	144	No	6	No
Fleetlands	FLT/EA/020	Blank				
Pyestock	PYE/EA/001	Operation of Engine Test Bench Emissions to Air	96	No	32	No
Pyestock	PYE/EA/002	Operation of Water Cooling Tower Emissions to Air	300	Yes	18	No
Pyestock	PYE/EA/003	Engine Cleaning Plant Releases to Water	90	No	8	No
Pyestock	PYE/EA/004	Chemical and Oil Management	240	No	1	No
Pyestock	PYE/EA/005	Bulk Fuel Storage	300	No	100	No
Pyestock	PYE/EA/006	Management of Waste	192	No	12	No
Pyestock	PYE/EA/007	Transport of Engines Between Sites	144	No	12	No
Pyestock	PYE/EA/008	Energy Use	45	No	45	No
Pyestock	PYE/EA/009	Blank				