[illegible]

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[illegible]

1	Applicant	[illegible]
	Address	[illegible]
		[illegible]
	Postcode	[illegible]
	Telephone Number	[illegible]
	[illegible]	
	Address	
	Postcode	
	Telephone Number	

[illegible]

[illegible]

[illegible]

2	[illegible]	[illegible]
		[illegible]
		[illegible]
	Postcode	[illegible]
	[illegible]	[illegible]

3 Hazardous substance(s) covered by the application

(a) List named substances falling within Part 2 of Schedule 1 to the Regulations first, then list any substances falling within the categories in Part 1 of that Schedule; finally list substances falling within the description in Part 3.

(b) Substances falling within Parts 1 or 3 of Schedule 1 to the Regulations may be listed under the relevant category or description or named specifically. Where a substance falls within Part 1 and 2 list under Part 2 only; where a substance falls within more than one category in Part 1 list under the category which has the lowest controlled quantity. Where a substance falling within Part 1 or 2 also falls within Part 3 list under the Part which has the lowest controlled quantity. The "controlled quantity" means the quantity specified for that substance in column 2 of Parts 1, 2 or 3 of Schedule 1 to the Regulations.

Table A

Name, or relevant category or description of substance	Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3	Do you have a current PHS consent* in respect of this substance? (Yes/No)	If "yes", state quantity for which consent granted	Maximum quantity proposed to be present in tonnes
Ethanol/Water - 'wash' max. 8% ABV	N/A	No		N/A
Ethanol (Flammable Liquid) - 'low wines' max. 26% ABV	P5c	No		62
Ethanol (Ethanol/water max. 72% ABV at its boiling point (spirit stills etc.))	P5b	No		55
Ethanol (Flammable Liquid)	P5c	Yes (07/00632/HAZ)	30,000	25494

*a hazardous substances consent

4 Manner in which substance(s) are to be kept and used

For each substance, category or description of substance, covered by the application, provide the following information, referring to the substance location plan where appropriate.

(a) Tick one box below to show whether the substance(s) will be present for storage only or will be stored and involved in a manufacturing, treatment or other industrial process:

Table B

Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Storage only	Stored and involved in an industrial process
Ethanol/Water (P5c)		✓
Ethanol/Water (P5b)		✓

(b) For each vessel to be used for storing the substance(s) give the following information:

Table C (i)

Vessel No*	Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Installed above ground† (Yes/No)	Buried (Yes/No)	Mounded (Yes/No)	Maximum capacity (cubic metres)	Highest vessel design temperature °C	Highest vessel design pressure (bar absolute)
1,2,3,6,10	Ethanol (P5c)	Yes	No	No	50	Atmospheric	Atmospheric
4,5,8,9,12,13,14	Ethanol (P5c)	Yes	No	No	100	Atmospheric	Atmospheric
7,11	Ethanol (P5c)	Yes	No	No	10	Atmospheric	Atmospheric
61 (SRWV)	Ethanol (P5c)	Yes	No	No	65	Atmospheric	Atmospheric
24 (ISR)	Ethanol (P5c)	Yes	No	No	65	Atmospheric	Atmospheric
29 (LW&F1)	Ethanol (P5c)	Yes	No	No	40	Atmospheric	Atmospheric
30,46 (LW&F2 & R)	Ethanol (P5c)	Yes	No	No	13.75	Atmospheric	Atmospheric

* identify by reference to substance location plan

† if "Yes", specify whether or not it will be provided with full secondary containment

† All tanks have/will have full secondary containment

Full detailed table provided at end of application (ATTACHMENT 1)

(c) For each substance, category or description of substance, state the largest size (capacity in cubic metres) of any moveable container(s) to be used for that substance, category or description of substances:

Table C (ii)

Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Storage area on site*	Maximum capacity (cubic metres) of individual moveable containers
Ethanol (P5c)	Filling Store (*Area 1)	1 m^3

* identify by reference to substance location plan

(d) Where a substance, category or description of substance is to be used in a manufacturing, treatment or other industrial process(es), give a general description of the process(es), describe the major items of plant which will contain the substance(s); and state the maximum quantity (in tonnes) which is liable to be present in the major items of the plant, and the maximum temperature (°C) and pressure (bar absolute) at which the substance, category or description of substance is liable to be present:

Table D

Substance including Part no. in Schedule 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Description of process(es)	Major items of plant*	Max. quantity (tonnes)	Max. temp. (°C)	Max. pressure (bar absolute)
Ethanol (P5c)	Batch Distillation	Spirit Stills (1-2)	27.5	100	4
Ethanol (P5c)	Batch Distillation	Wash Stills (1-2)	27.5	100	4
Ethanol (P5c)	Maturation (Storage of substance for a minimum of 3 years in casks)	None – Casks (*Areas 1-17)	24362	Atmospheric	Atmospheric
Ethanol (P5c)	Filling Store – Dumping from casks, Storage, Transferring, Blending, Reduction, Filtration. Short term storage and set down area for cask deliveries etc.	None – Casks (*Area 19)	68	Atmospheric	Atmospheric
Ethanol (P5c)	Blend Centre - Storage, Transferring, Blending, Filtration, Reduction, Caramel dosing	Tanks associated - above (*Area 20)	1046	Atmospheric	Atmospheric

* identify by reference to substance location plan

Full detailed table provided at end of application (ATTACHMENT 1)

5 Additional Information

(a) If you have an existing PHS consent(s) as referred to in Table A, attach a copy of each consent to this application.

Full Previous Applications (07/00632/HAZ) provided at end of application (ATTACHMENT 2)

(b) List the maps or plans or any explanatory scale drawings of plant/buildings submitted with this application (as a minimum submit a site map and a substance location plan – see Notes below).

The following maps and plans have been provided in support of this application (ATTACHMENT 5):

- Site map
- Substance location plan
- Site map with building capacities
- Hazardous / non-hazardous distribution plan
- Detailed locations plan showing vessels in-situ

New areas and buildings are highlighted by red text in tables in sections above / below and on plan drawings.

(c) Provide a brief overview description of the main activities carried out or proposed to be carried out on, over or under the land to which the application relates.

- The site produces Scotch whisky alcoholic beverages.
- The general process to produce whisky is as follows: malting, mashing, fermentation (wash), 1st distillation (wash still), 2nd distillation (spirit still) then disgorging into various barrels for maturation. There is a spirit blending process to produce blended whisky. Spirit can be moved onwards for bottling or maturation at other sites. Spirit can be moved by road tanker with a maximum size 30,000 litres.
- The batch stills are heated by a supply of steam from the boiler house.
- Receiving delivery of casks (full and empty);
- Filling or emptying of casks on site;
- Storing bulk liquid in tanks;
- Processing the liquid by means of blending, reducing and filtration
- Transfer of liquid from tank to tank; and
- Road Tanker receipt or dispatch.

Angus Dundee Distillers can also receive and dispatch spirit in blue drums or IBCs. Warehousing on site is used for storage of the liquid in casks i.e. maturation in a combination of both racked and palletised fashions.

This application includes the following proposed additions to site:

- New Maturation Warehouse (W/H 7) at the north west of site

(d) Provide details of how each relevant substance is proposed to be transported to and from the land to which the application relates, for example the size and frequency of vehicle deliveries, the size or maximum flow rate of pipeline imports/exports.

Substance including Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3	How, and other details such as frequency and quantity, transported to and from the land to which the application relates	
	Transported to site	Transported from site
Ethanol (P5c)	Road tanker Max quantity 35 m^3	Road tanker Max quantity 35 m^3

(e) Provide details of the vicinity of the land to which the application relates, where such details are relevant to the risks or consequences of a major accident (relevant details include numbers of people in neighbouring developments that could be affected by a major accident).

Tomintoul Distillery sits amidst the Cairngorms National Park. The distillery has two dwellings which we use for company representatives. There is a small pocket of private dwellings immediately south west of our site (approx. 60m from Warehouse 5). Immediately to the south east the B9136 travels from south west to north east. The River Avon runs south west to north east approximately 200 metres north west of the site. The Ballantruan cairn overlooks the site to the south west at a peak of 450m. The site itself has a relatively flat topography. Site drainage is collected and discharged to the river via two routes a SUDs pond which eventually percolates to the river and via surface gully's which are fed directly to the river via an isolation valve. .

(f) Provide a brief overview of the measures taken or proposed to be taken to limit the consequences of a major accident.

The following measures have been taken on site to limit the consequences of a major accident

- All bulk storage tanks and process areas are bunded providing full secondary containment.
- Releases from tanker(s) are designed to be routed to bunds of capacity in excess of the largest tanker(s) with an allowance for fire water.
- Maturation warehouses comprise fire walls with a fire resistance duration of 2 hours designed to BS 476.
- On-site Emergency plan in place.
- On site spill response team with spill kits strategically placed around site to mitigate risk to the environment where possible.
- A Fire Risk Assessment has been conducted for the site and will be updated, where required, to account for the new inventories.
- A site wide hazardous area classification and DSEAR risk assessment has been undertaken for the site which will be updated to include new inventories.
- Bund capacities have sufficient capacity to contain 110% of the capacity of the largest storage vessel located within the bund or 25% of the total capacity of tanks in the bund.
- Bund floor and walls will be of concrete or other fire-resistant material substantially impervious to ethanol.

- Accessible roadway shall be provided in all directions of tanks to facilitate emergency service access.
- Hydrants located throughout the site for emergency service use.
- The spirit inventories on site has been subject to HAZOP, a layer of protection analysis (LOPA) study and "as low as reasonably practicable" (ALARP) risk reduction demonstrations.

(g) Where applicable, provide a statement that the proposal is a project or part of a project, that is subject to a national or transboundary environmental impact assessment or to consultations between Member States of the European Union in accordance with Article 14(3) of European Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances.

N/A
(The site has undertaken a MATTE assessment using the CDOIF methodology which is a requirement under the COMAH regulations.)

(h) Give any further information which you consider to be relevant to the determination of this application.

*The site has a current Hazardous substance consent **(07/00632/HAZ)** which we want to increase to accommodate a proposed development of further maturation warehousing on land on our site towards our north western boundary. This application would form a consolidation of the existing consent and new proposed warehouse.*

We hereby apply for hazardous substances consent in accordance with the proposals described in the application

Signed ……[redacted]……

on behalf of ……
(insert name of person in control of the land if different to applicant)

Date 12/02/2024

To be accompanied by the certificate completed in accordance with regulation 5(2) of the Regulations (notice to owner by applicant), and the fee payable under regulation 55 of the Regulations.

Notes

"**Site map**" is a map, reproduced from, or based on, an Ordnance Survey map with a scale of not less than 1:10,000, which identifies the land to which the application relates and shows National Grid lines and reference numbers.

“Substance location plan” is a plan of the land to which the application relates, drawn to a scale of not less than 1:2,500, which identifies-

(a) any area of land intended to be used for the storage of the substance;
(b) where the substance is to be used in a manufacturing, treatment or other industrial process, the location of the major items of plant involved in that process in which the substance will be present; and
(c) access points to and from the land.

ATTACHMENT 1

Section 4 (b)

Tank ID	Location	Volume (L)	Substance Stored	Entry No:	Material of Construction	Orientation	Stored Above Ground	Operating Conditions		Secondary Containment Yes / No	Reference on Substance Location Plan	Detailed Drawing Ref
								Pressure	Temperature			
TM BC T 01	BLEND CENTRE	50,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 02	BLEND CENTRE	50,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 03	BLEND CENTRE	50,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 04	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 05	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 06	BLEND CENTRE	50,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 07	BLEND CENTRE	10,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 08	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 09	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 10	BLEND CENTRE	50,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 11	BLEND CENTRE	10,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 12	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 13	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
TM BC T 14	BLEND CENTRE	100,000	Ethanol	P5C	Stainless Steel	Vertical	Yes	Atmospheric	Atmospheric	Yes	1	TM BC 00
SWRV (TM FS T 61)	FILLING STORE	65,000	Ethanol	P5C	Stainless Steel	Horizontal	Yes	Atmospheric	Atmospheric	Yes	19	TM FS 00
ISR (TM RR T 24)	PRODUCTION BUILDING	16,000	Ethanol	P5C	Steel – Glass Lined	Horizontal	Yes	Atmospheric	Atmospheric	Yes	16	TM PB 00
LW & F 1 (TM SH T 29)	PRODUCTION BUILDING	40,400	Ethanol	P5C	Stainless Steel	Horizontal	Yes	Atmospheric	Atmospheric	Yes	1	TM PB 00
LW & F 2 (TM SH T 30)	PRODUCTION BUILDING	14,000	Ethanol	P5C	Stainless Steel	Horizontal	Yes	Atmospheric	Atmospheric	Yes	16	TM PB 00
LW & F Reciever (TM SH T 46)	PRODUCTION BUILDING	14,000	Ethanol	P5C	Stainless Steel	Horizontal	Yes	Atmospheric	Atmospheric	Yes	16	TM PB 00

Please refer to substance location plan Ref. TM 086

Section 4 (d)

Location	Reference on Substance Location Plan	Substance Stored	Entry No.	Process (description)	Quantity Stored (Ton)
Warehouse 1	1	Ethanol	P5C	Maturation (1)	1083
Warehouse 2	2	Ethanol	P5C	Maturation (1)	1263
Warehouse 3/1	3	Ethanol	P5C	Maturation (1)	1444
Warehouse 3/2	4	Ethanol	P5C	Maturation (1)	1444
Warehouse 3/3	5	Ethanol	P5C	Maturation (1)	1444
Warehouse 3/4	6	Ethanol	P5C	Maturation (1)	1444
Warehouse 3/5	7	Ethanol	P5C	Maturation (1)	1444
Warehouse 3/6	8	Ethanol	P5C	Maturation (1)	1444
Warehouse 4/1	9	Ethanol	P5C	Maturation (1)	1444
Warehouse 4/2	10	Ethanol	P5C	Maturation (1)	1444
Warehouse 4/3	11	Ethanol	P5C	Maturation (1)	1444
Warehouse 4/4	12	Ethanol	P5C	Maturation (1)	1444
Warehouse 4/5	13	Ethanol	P5C	Maturation (1)	1444
Warehouse 4/6	14	Ethanol	P5C	Maturation (1)	1804
Warehouse 5	15	Ethanol	P5C	Maturation (1)	3428
Warehouse 6	16	Ethanol	P5C	Maturation (1)	3428
Warehouse 7	17	Ethanol	P5C	Maturation (1)	1804
Production Building	18	Ethanol	P5B	Spirit Distillation (2)	55
Production Building	18	Ethanol	P5C	Bulk Storage in tanks (3)	70
Filling Store	19	Ethanol	P5C	Short Term Storage (4)	68
Blend Centre	20	Ethanol	P5C	Bulk Storage in tanks (3)	1046

Please refer to substance location plan Ref. TM 086

Description:

(1) - Maturation: Spirit stored in casks for a minimum of 3 years in either palletised or racked warehouses.
(2) - Spirit Distillation: Batch stills
(3) - Bulk Storage in tanks: Liquid stored for processing etc.
(4) - Short-Term storage off casks awaiting palletisation or rack position in final maturation warehouse

ATTACHMENT 2

Previous Application and Acceptance Letter (07/00632/HAZ)