

Doc B3.2 Directly associated activities

PS	Process activity	Limb 2A Directly associated with the technical unit	Limb 2B Technically connected with the technical unit	Limb 2C Capable of having an effect on emissions	Is the activity directly associated Yes/No	Comments
1	Refrigeration plant providing chilling/cold storage	Yes	Yes (a)	No	Yes	
2	Chilled/frozen meat intake <5°/-15°C	Yes	Yes (a)	No	Yes	
3	Chilled/frozen meat storage <5°/-15°C	Yes	Yes (a)	No	Yes	
4	Packaging intake	Yes	Yes (a)	No	Yes	
5	Packaging dry storage	Yes	Yes (a)	No	Yes	
6	Ambient ingredients intake	Yes	Yes (a)	No	Yes	
7	Ambient ingredients dry storage	Yes	Yes (a)	No	Yes	
8	Mains water supply	Yes	Yes (a)	No	Yes	
9	Batch-weighing ambient ingredients and water	Yes	Yes (a)	Yes	Yes	Emissions of packaging waste
10	Mixing to make-up brine <7°C	Yes	Yes (a)	No	Yes	
11	De-cant fresh/frozen meat	Yes	Yes (a)	No	Yes	
12	Microwave thawing or air thawing <5°C	Yes	Yes (a)	No	Yes	
13	Remove polythene from chilled/frozen meat	Yes	Yes (a)	Yes	Yes	Emissions of transit packaging waste
14	Block flaking or mincing meats	Yes	Yes (a)	No	Yes	
15	Kidney plate or de-gristle meats	Yes	Yes (a)	Yes	Yes	Emissions of category 3 animal by-products
16	Batch- weighing meats	Yes	Yes (a)	No	Yes	
17	Tenderising/lacerating meats	Yes	Yes (a)	Yes	Yes	Emissions of category 3 animal by-products
18	Addition of ambient ingredients and brine	Yes	Yes (a)	Yes	Yes	Emissions of transit packaging waste
19	Bowl chopping or vacuum tumble to mix	Yes	Yes (a)	No	Yes	
20	Curing in chilled storage <5°C	Yes	Yes (a)	No	Yes	
21	Vacuum mixing/tumbling	Yes	Yes (a)	Yes	Yes	Emissions of category 3 animal by-products
22	Metal detection	Yes	Yes (a)	Yes	Yes	Emissions of category 3 animal by-products
23	Vacuum filling into casings or moulds for cooking	Yes	Yes (a)	Yes	Yes	Emissions of category 3 animal by-products
24	Cooker rack loading	Yes	Yes (a)	No	Yes	
25	Raising steam in boilers for cooking/hot water	Yes	Yes (a)	Yes	Yes	Emissions of combustion gases

Doc B3.2 Directly associated activities

PS	Process activity	Limb 2A Directly associated with the technical unit	Limb 2B Technically connected with the technical unit	Limb 2C Capable of having an effect on emissions	Is the activity directly associated Yes/No	Comments
26	Cooking meat >75°C	Limbs 1A and 1B - the technical stationary unit				Emission of steam to air and condensed water to effluent
27	Blast chilling with air or brine chilling <5°C	No	Yes (d)	No	Yes	
28	Deep chill/holding chill storage <5 °C /<3°C	No	Yes (d)	No	Yes	
29	Stripping off casings	No	Yes (d)	Yes	Yes	Emissions of process packaging waste
30	Deep chill/holding chill storage <5 °C /<3°C	No	Yes (d)	No	Yes	
31	Applying gelatine, breadcrumbs or honey	No	Yes (d)	No	Yes	
32	Further processing by roasting or smoking	No	Yes (d)	Yes	Yes	Emissions of combustion gases
33	Blast chilling with chilled air <5°C	No	Yes (d)	No	Yes	
34	Holding chill storage <3°C	No	Yes (d)	No	Yes	
35	Crust freezing with chilled air	No	Yes (d)	No	Yes	
36	Slicing <5°C	No	Yes (d)	Yes	Yes	Emissions of cooked meat waste classed as former foodstuffs
37	Modified atmosphere packing <1% oxygen	No	Yes (d)	Yes	Yes	Emissions of process packaging waste
38	Pack labelling and date coding	No	Yes (d)	Yes	Yes	Emissions of packaging waste labels and release paper
39	Metal detection	No	Yes (d)	No	Yes	
40	Check-weighing	No	Yes (d)	Yes	Yes	Emissions of packaging waste from stripping out rejects
41	Boxing and outer case labelling	No	Yes (d)	No	Yes	
42	Chilled storage <5°C	No	Yes (d)	No	Yes	
43	Despatch to customers <5°C	No	Yes (d)	No	Yes	
44	Baling/storing waste paper for collection	No	Yes (c)	No	Yes	
45	Compacting/storing general waste for collection	No	Yes (c)	No	Yes	
46	Storing animal by-products (ABP) and former foodstuffs for collection	No	Yes (c)	No	Yes	
47	Cleaning/sanitation	No	Yes (d)	Yes	Yes	Emissions of trade effluent, ABP and former foodstuffs.
48	Dissolved-air flotation (DAF) plant for effluent	No	Yes (c)	Yes	Yes	Emissions of trade effluent, sludge

Farmers Boy (Deeside) Ltd
Application for an environmental permit N° VP3235HS
May 2011

Doc B3.2 Directly associated activities

Process flow diagram FBHACCP025 included with the application in Doc B3.3 Process flow diagram.

Reference documents for identification of directly associated activities

- 1) Farmers Boy, Generic Sliced Uncured Pre-packed Cooked Meats (Process Flow), Document FBHACCP013 issued 12/10/10.
- 2) Farmers Boy, Generic Sliced Premium Dry Cured Cooked Meats (Process Flow), Document FBHACCP025 issued 08/07/10.
- 3) Farmers Boy, Generic Sliced Premium Dry Cured Cooked Smoked Meats (Process Flow), Document FBHACCP028 issued 08/07/10.
- 4) DEFRA (2004) Integrated Pollution Prevention and Control, A Practical Guide, pp 91-97