

Animal Feed

BAT No.	Topic	BAT	Applicable BAT- AEL	Compliant now?	Derogation needed?	COMMENTS Provide brief comments on how compliance with BAT is (or will be) achieved													
16	Energy Efficiency (green fodder only)	In order to increase energy efficiency in green fodder processing, BAT is to use an appropriate combination of the techniques specified in BAT 6 and of the techniques given below. (a) Use of predried fodder (b) Recycling of waste gas from the dryer (c) Use of waste heat for pre-drying Applicable in addition to BAT6																	
17	Emissions to air	In order to reduce channelled dust emissions to air, BAT is to use one of the techniques given below. a. bag filter b. cyclone <i>Table 4</i> BAT-associated emission levels (BAT-AELs) for channelled dust emissions to air from grinding and pellet cooling in compound feed manufacture	Grinding DUST: <i>insert applicable AEL</i>																
		<table border="1"> <thead> <tr> <th rowspan="2">Parameter</th> <th rowspan="2">Specific process</th> <th rowspan="2">Unit</th> <th colspan="2">BAT-AEL (average over the sampling period)</th> </tr> <tr> <th>New plants</th> <th>Existing plants</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Dust</td> <td>Grinding</td> <td rowspan="2">mg/Nm³</td> <td>< 2-5</td> <td>< 2-10</td> </tr> <tr> <td>Pellet cooling</td> <td>< 2-20</td> <td></td> </tr> </tbody> </table>	Parameter	Specific process	Unit	BAT-AEL (average over the sampling period)		New plants	Existing plants	Dust	Grinding	mg/Nm ³	< 2-5	< 2-10	Pellet cooling	< 2-20		Pellet cooling DUST: <i>Insert applicable AEL</i>	
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	Topic	Indicative EPLs	Applicable EPL	State current performance		Comments on achieved performance: If outside of range, provide justification and/or improvements planned													
EPL	Specific energy consumption	<i>Table 2</i> Indicative environmental performance levels for specific energy consumption <table border="1"> <thead> <tr> <th>Product</th> <th>Unit</th> <th>Specific energy consumption (yearly average)</th> </tr> </thead> <tbody> <tr> <td>Compound feed</td> <td rowspan="3">MWh/tonne of products</td> <td>0,01-0,10 ⁽¹⁾ ⁽²⁾ ⁽³⁾</td> </tr> <tr> <td>Dry pet food</td> <td>0,39-0,50</td> </tr> <tr> <td>Wet pet food</td> <td>0,33-0,85</td> </tr> </tbody> </table> <p>⁽¹⁾ The lower end of the range can be achieved when pelleting is not applied. ⁽²⁾ The specific energy consumption level may not apply when fish and other aquatic animals are used as raw material. ⁽³⁾ The upper end of the range is 0,12 MWh/tonne of products for installations located in cold climates and/or when heat treatment is used for Salmonella decontamination.</p>	Product	Unit	Specific energy consumption (yearly average)	Compound feed	MWh/tonne of products	0,01-0,10 ⁽¹⁾ ⁽²⁾ ⁽³⁾	Dry pet food	0,39-0,50	Wet pet food	0,33-0,85	<i>insert applicable AEL for SEC</i> MWh/tonne of products						
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