

ALLEGATO 2

APPLICAZIONE DELLE BAT

(prot. 0419269 del 29/06/2018)

**SCHEDA «D»: VALUTAZIONE INTEGRATA AMBIENTALE¹**

Bref o BAT conclusion	Misure adottate	Applicazione Bref o BAT conclusion*	Note**
5.1 General BAT for the whole FDM sector 1) ensure, e.g. by training, that employees are aware of the environmental aspects of the company's operations and their personal responsibilities (Section 4.1.2)	È operativo un programma di addestramento del personale.	APPLICATA	
5.1 General BAT for the whole FDM sector 2) design/select equipment, which optimises consumption and emission levels and facilitates correct operation and maintenance (Section 4.1.3.1), e.g. to optimise the pipework system for the capacity to minimise product losses and install pipes at a gradient to promote self-draining	Programma di manutenzione periodico.	APPLICATA	
5.1 General BAT for the whole FDM sector 3) control noise emissions at source by designing, selecting, operating and maintaining equipment, including vehicles to avoid or reduce exposure (Sections 4.1.2, 4.1.3.1, 4.1.3.2, 4.1.3.3, 4.1.3.4 and 4.1.5) and, where further reductions in noise levels are required, enclosing noisy equipment (Section 4.1.3.5)	Programma di manutenzione periodico.	APPLICATA	
5.1 General BAT for the whole FDM sector 4) operate regular maintenance programmes (Section 4.1.5)	Programma di manutenzione periodico.	APPLICATA	
5.1 General BAT for the whole FDM sector 5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating: 5.1) obtaining management commitment, organisation and planning (Sections 4.1.6.1)	Monitoraggio tramite sistema EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.	APPLICATA	
5.1 General BAT for the whole FDM sector 5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating: 5.2) analysis of production processes, including individual process steps to identify areas of high water and energy consumption and high waste emissions to identify opportunities to minimise these (Sections 4.1.6.2, 4.1.6.2.1, 4.1.6.2.2 and 4.1.6.2.3), taking into account the water quality requirements for each application, hygiene and food safety	Monitoraggio tramite sistema EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.	APPLICATA	
5.1 General BAT for the whole FDM sector 5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating: 5.3) assessment of objectives, targets and system borders (Section 4.1.6.3)	Monitoraggio tramite sistema EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.	APPLICATA	
5.1 General BAT for the whole FDM sector	Monitoraggio tramite sistema	APPLICATA	

<p>sector</p> <p>5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating:</p> <p>5.4) identification of options for minimising water and energy consumption, and waste production (Section 4.1.6.4), using a systematic approach, such as pinch technology (Section 4.1.6.4.1)</p>	<p>EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.</p>		
<p>5.1 General BAT for the whole FDM sector</p> <p>5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating:</p> <p>5.5) carrying out an evaluation and doing a feasibility study (Section 4.1.6.5)</p>	<p>Monitoraggio tramite sistema EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.</p>	<p>APPLICATA</p>	
<p>5.1 General BAT for the whole FDM sector</p> <p>5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating:</p> <p>5.6) implementing a programme for minimising the consumption of water and energy and waste production (Section 4.1.6.6)</p>	<p>Monitoraggio tramite sistema EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.</p>	<p>APPLICATA</p>	
<p>5.1 General BAT for the whole FDM sector</p> <p>5) apply and maintain a methodology for preventing and minimising the consumption of water and energy and the production of waste (Section 4.1.6) incorporating:</p> <p>5.7) ongoing monitoring of water and energy consumption; waste production levels and the effectiveness of control measures (Section 4.1.6.7). This can involve both measurement and visual inspection</p>	<p>Monitoraggio tramite sistema EMS su punti H2O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.</p>	<p>APPLICATA</p>	
<p>5.1 General BAT for the whole FDM sector</p> <p>6) implement a system for monitoring and reviewing consumption and emission levels for both individual production processes and at site level, to enable actual performance levels to be optimised. Examples of parameters to monitor include: energy consumption; water consumption; waste water volumes; emissions to air and water; solid waste generation; product and by-product yield; consumption of harmful substances and frequency and severity of unplanned releases and spillages. A good knowledge of the process inputs and outputs is required to identify priority areas and options for improving environmental performance. A good monitoring system will include records of operating conditions, sampling and analytical methods and will ensure that measuring equipment is calibrated.</p>	<p>Monitoraggio tramite sistema EMS su punti H₂O, punti EE, punti termici, sulla base del quale pianificare interventi da parte dell'area tecnica.</p>	<p>APPLICATA</p>	
<p>5.1 General BAT for the whole FDM sector</p> <p>7) maintain an accurate inventory of inputs and outputs at all stages of the process from reception of raw materials to dispatch of products and end-of-pipe treatments (Section 4.1.6.2)</p>	<p>È stato elaborato un inventario degli output anche in riferimento del Sistema di Gestione ambientale</p>	<p>APPLICATA</p>	
<p>5.1 General BAT for the whole FDM sector</p> <p>8) apply production planning to minimise associated waste production</p>	<p>Programma di produzione in funzione della disponibilità degli impianti, in ottica di abbattimento sprechi ed</p>	<p>APPLICATA</p>	

and cleaning frequencies (Section 4.1.7.1)	inefficienze		
5.1 General BAT for the whole FDM sector 9) transport solid FDM raw materials, products, co-products, by-products and waste dry (Section 4.1.7.4), including avoiding fluming except where washing involving the re-use of water is carried out during fluming and where fluming is necessary to avoid damage to the material being transported	Trasporti pneumatici dai sili al processo	APPLICATA	
5.1 General BAT for the whole FDM sector 10) minimise storage times for perishable materials (Section 4.1.7.3)	Programma di produzione in funzione della disponibilità degli impianti, in ottica di abbattimento sprechi ed inefficienze	APPLICATA	
5.1 General BAT for the whole FDM sector 11) segregate outputs, to optimise use, re-use, recovery, recycling and disposal (and minimise waste water contamination) (Sections 4.1.7.6, 4.1.6, 4.1.7.7, 4.7.1.1, 4.7.2.1, 4.7.5.1 and 4.7.9.1)	Raccolta differenziata dei rifiuti. Non è applicabile alle acque in quanto non si utilizzano nel processo.	APPLICATA	
5.1 General BAT for the whole FDM sector 12) prevent materials from falling on the floor, e.g. by using accurately positioned splash protectors, screens, flaps, drip trays and troughs (Section 4.1.7.6)	Impianti progettati in ottica di prevenzione della caduta a terra	APPLICATA	
5.1 General BAT for the whole FDM sector 13) optimise the segregation of water streams (Section 4.1.7.8), to optimise re-use and treatment		NON APPLICABILE	Il ciclo produttivo non prevede flussi di acqua
5.1 General BAT for the whole FDM sector 14) collect water streams, such as condensate and cooling water separately to optimise reuse (Section 4.1.7.8)		NON APPLICABILE	Il ciclo produttivo non prevede flussi di acqua
5.1 General BAT for the whole FDM sector 15) avoid using more energy than needed for heating and cooling processes, without harming the product (Section 4.1.7.9)		NON APPLICABILE	Non ci sono operazioni di riscaldamento e raffreddamento legate al ciclo produttivo
5.1 General BAT for the whole FDM sector 16) apply good housekeeping (Section 4.1.7.11)	Adozioni di prassi comportamentali adeguate attraverso GMP.	APPLICATA	
5.1 General BAT for the whole FDM sector 17) minimise noise nuisance from vehicles (Section 4.1.7.12)	L'azienda ha messo in atto tutte le possibili misure per garantire la riduzione del rumore.	APPLICATA	
5.1 General BAT for the whole FDM sector 18) apply storage and handling methods as concluded in the "Storage BREF" [95, EC, 2005]. Further controls may be required to provide and maintain the required hygiene and food safety standards	Procedura di gestione del traffico all'interno dello stabilimento, con adozione di apposita cartellonistica	APPLICATA	
5.1 General BAT for the whole FDM sector 19) optimise the application and use of process controls to, e.g. prevent and minimise the consumption of water and energy and to minimise the generation of waste (Section 4.1.8) and in particular: 19.1) where heat processes are applied and/or materials are stored or transferred at critical temperatures, or within critical temperature ranges, to control the temperature by dedicated measurement and correction (Section 4.1.8.1)		NON APPLICABILE	Non vi è l'applicazione di processi a caldo, né i materiali vengono stoccati o trasferiti a temperature critiche, o all'interno di un range di temperature critiche
5.1 General BAT for the whole FDM sector	Nei silos ci sono sonde di	APPLICATA	

<p>sector</p> <p>19) optimise the application and use of process controls to, e.g. prevent and minimise the consumption of water and energy and to minimise the generation of waste (Section 4.1.8) and in particular:</p> <p>19.2) where materials are pumped or flow, to control flow and/or level, by dedicated measurement of pressure (Sections 4.1.8.2) and/or dedicated measurement of flow (see Section 4.1.8.4) and/or dedicated measurement of level (Section 4.1.8.3) and using control devices, such as valves (see Section 4.1.8.7)</p>	<p>livello di minimo e massimo.</p>		
<p>5.1 General BAT for the whole FDM sector</p> <p>19) optimise the application and use of process controls to, e.g. prevent and minimise the consumption of water and energy and to minimise the generation of waste (Section 4.1.8) and in particular:</p> <p>19.3) where liquids are stored or reacted in tanks or vessels, either during manufacturing or cleaning processes, use level-detecting sensors and level-measurement sensors (Section 4.1.8.3)</p>		<p>NON APPLICABILE</p>	<p>Non si utilizzano liquidi per le attività di processo</p>
<p>5.1 General BAT for the whole FDM sector</p> <p>19) optimise the application and use of process controls to, e.g. prevent and minimise the consumption of water and energy and to minimise the generation of waste (Section 4.1.8) and in particular:</p> <p>19.4) to use analytical measurement and control techniques to reduce waste of material and water and reduce waste water generation in processing and cleaning and in particular to:</p> <p>19.4.1) measure pH to control additions of acid or alkali and to monitor waste water streams to control mixing and neutralising prior to further treatment or discharge (Section 4.1.8.5.1)</p>		<p>NON APPLICABILE</p>	<p>Non si utilizzano liquidi per le attività di pulizia delle macchine</p>
<p>5.1 General BAT for the whole FDM sector</p> <p>19) optimise the application and use of process controls to, e.g. prevent and minimise the consumption of water and energy and to minimise the generation of waste (Section 4.1.8) and in particular:</p> <p>19.4) to use analytical measurement and control techniques to reduce waste of material and water and reduce waste water generation in processing and cleaning and in particular to:</p> <p>19.4.2) measure conductivity to monitor levels of dissolved salts prior to water re-use and detect levels of detergent prior to detergent re-use (Section 4.1.8.5.2)</p>		<p>NON APPLICABILE</p>	<p>Non si utilizzano liquidi per le attività di pulizia delle macchine</p>
<p>5.1 General BAT for the whole FDM sector</p> <p>19) optimise the application and use of process controls to, e.g. prevent and minimise the consumption of water and energy and to minimise the generation of waste (Section 4.1.8) and in particular:</p> <p>19.4) to use analytical measurement and control techniques to reduce waste of material and water and reduce waste water generation in processing and cleaning and in particular to:</p> <p>19.4.3) where fluids may be cloudy or opaque due to the presence of suspended matter, measure turbidity to monitor process water quality and to optimise both the recovery of material/product from water and the reuse</p>		<p>NON APPLICABILE</p>	<p>Non si utilizzano liquidi per le attività di pulizia delle macchine</p>

of cleaning water (Section 4.1.8.5.3)			
5.1 General BAT for the whole FDM sector 20) use automated water start/stop controls to supply process water only when it is required (Section 4.1.8.6)	Dosaggio automatico dell'acqua per fase di bagnatura grano con sistema elettronico computerizzato. Tutto il personale è comunque sensibilizzato a riferire agli addetti alla manutenzione di eventuali perdite dai rubinetti.	APPLICATA	
5.1 General BAT for the whole FDM sector 21) select raw materials and auxiliary materials which minimise the generation of solid waste and harmful emissions to air and water (Sections 4.1.9.1 and 4.1.9.2)	Le materie prime vengono acquistate da fornitori di fiducia con standard rigorosi di accettabilità.	APPLICATA	
5.1 General BAT for the whole FDM sector 22) landspreading is an option for the outlet of materials from the FDM sector, subject to local legislation, as discussed in Section 4.1.6.		NON APPLICABILE	Non si producono prodotti da spandimento.
5.1.1 Environmental management Implement and adhere to an Environmental Management System (EMS) that incorporates, as appropriate to individual circumstances, the following features: (Chapter 3) • definition of an environmental policy for the installation by top management • planning and establishing the necessary procedures, • implementation of the procedures, • checking performance and taking corrective action, • review by top management.		NON APPLICATA	Si prevede di certificare il Sistema (EMS) entro un anno. Attualmente è già adottato un sistema interno.
5.1.2 Collaboration with upstream and downstream activities Seek collaboration with upstream and downstream partners, to create a chain of environmental responsibility, to minimise pollution and to protect the environment as a whole, (Sections 4.1.7.2, 4.1.7.3, 4.1.7.12, 4.1.9.1, 4.2.1.1, 4.2.4.1 and 4.7.2.3).	Capitolati verso fornitori per il rispetto di regole lungo la Supply Chain.	APPLICATA	
5.1.3 Equipment and installation cleaning 1) remove raw material residues as soon as possible after processing and clean materials storage areas frequently (Section 4.3.10)	Presenza di un piano di pulizie articolato.	APPLICATA	
5.1.3 Equipment and installation cleaning 2) provide and use catchpots over floor drains and ensure they are inspected and cleaned frequently, to prevent entrainment of materials into waste water (Section 4.3.1.1)	Presenza di un piano di pulizie e manutenzione articolato	APPLICATA	
5.1.3 Equipment and installation cleaning 3) optimise the use of dry cleaning (including vacuum systems) of equipment and installations, including after spillages (Sections 4.3.1, 4.7.1.2, 4.7.2.2, 4.7.5.2 and 4.7.9.2) prior to wet cleaning, where wet cleaning is necessary to achieve the required hygiene levels	La pulizia delle macchine avviene mediante aspirapolveri	APPLICATA	
5.1.3 Equipment and installation cleaning 4) pre-soak floors and open equipment to loosen hardened or burnt-on dirt before wet cleaning (Section 4.3.2)	Presenza di un piano di pulizie articolato con lavapavimenti	APPLICATA	
5.1.3 Equipment and installation cleaning 5) manage and minimise the use of	Presenza di un piano di pulizie articolato.	APPLICATA	

water, energy and detergents used (Section 4.3.5)			
5.1.3 Equipment and installation cleaning 7) supply pressure-controlled water and do this via nozzles (Section 4.3.7.1)		NON APPLICABILE	
5.1.3 Equipment and installation cleaning 8) optimise the application of the re-use of warm open-circuit cooling water, e.g. for cleaning (e. g. Section 4.7.5.17)		NON APPLICABILE	L'attività non prevede riutilizzo di acqua calda ed impianti di raffreddamento
5.1.3 Equipment and installation cleaning 9) select and use cleaning and disinfection agents which cause minimum harm to the environment (Sections 4.3.8, 4.3.8.1 and 4.3.8.2) and provide effective hygiene control	Adozioni di prassi comportamentali adeguate al fine di prevenire le fuoriuscite di sostanze pericolose o sversamenti accidentali. Selezione delle sostanze acquistate	APPLICATA	
5.1.3 Equipment and installation cleaning 10) operate a cleaning-in-place (CIP) of closed equipment (Section 4.3.9), and ensure that it is used in an optimal way by, e.g. measuring turbidity (Section 4.1.8.5.3), conductivity (Section 4.1.8.5.2) or pH (Section 4.1.8.5.1) and automatically dosing chemicals at the correct concentrations (Section 4.3.9)		NON APPLICABILE	L'azienda attualmente non utilizza acqua nella pulizia delle macchine
5.1.3 Equipment and installation cleaning 11) use single-use systems for small or rarely used plants or where the cleaning solution becomes highly polluted, such as UHT plants, membrane separation plants, and the preliminary cleaning of evaporators and spray driers (Section 4.3.9)		NON APPLICABILE	L'azienda attualmente non utilizza acqua nella pulizia delle macchine
5.1.3 Equipment and installation cleaning 12) where there are suitable variations in the pHs of the waste water streams from CIP and other sources, apply self-neutralisation of alkaline and acidic waste water streams in a neutralisation tank (Section 4.5.2.4)		NON APPLICABILE	L'azienda attualmente non utilizza acqua nella pulizia delle macchine
5.1.3 Equipment and installation cleaning 13) minimise the use of EDTA, by only using it where it is required, with the frequency required and by minimising the quantity used, e.g. by recycling cleaning solutions (Sections 4.3.8, 4.3.8.2, 4.3.8.2.2, 4.3.8.2.3 and 4.3.8.2.5).	Non vengono utilizzati prodotti chelanti.	APPLICATA	
5.1.3 Equipment and installation cleaning 14) avoid the use of halogenated oxidising biocides, except where the alternatives are not effective (see Sections 4.3.8.1, 4.5.4.8, 4.5.4.8.1 and 4.5.4.8.2).	Adozioni di prassi comportamentali adeguate attraverso GMP. Sistema di Gestione Ambientale.	APPLICATA	
5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors 5.1.4.1 Materials reception/despatch 1) when vehicles are parked and during loading and unloading, switch off the vehicle engine and the refrigerator unit, if there is one and provide an alternative power supply (Section 4.2.1.1).	Prassi comportamentali per gli autisti.	APPLICATA	
5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors 5.1.4.9 Packing 1) optimise the design of packaging, including the weight and volume of material and the recycled content, to		NON APPLICABILE	Dal momento che le semole ottenute dalla miscelazione del grano vengono distribuite caricando cisterne, non è prevista una fase di confezionamento e, quindi, di utilizzo del packaging

<p>reduce the quantity used and to minimise waste (Section 4.2.12.2)</p> <p>2) purchase materials in bulk (Section 4.1.7.2)</p> <p>3) collect packaging material separately (Section 4.2.12.3)</p> <p>4) minimise overflowing during packing (Section 4.2.12.6).</p>			
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>1) for installations where there is a use for the heat and power produced, e.g. in sugar manufacturing, milk powder production, whey drying, instant coffee production, brewing and distilling, use combined heat and power generation in new or substantially altered installations or those renewing their energy systems (Section 4.2.13.1)</p>		NON APPLICATA	Si sta valutando anche dal punto di vista economico se mettere in campo strategie finalizzate
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>2) use heat pumps for heat recovery from various sources (Section 4.2.13.4)</p>		NON APPLICATA	Si sta valutando anche dal punto di vista economico se mettere in campo strategie finalizzate
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>3) switch equipment off when it is not needed (Section 4.2.13.6)</p>	Prassi comportamentali.	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>4) minimise the loads on motors (Section 4.2.13.7)</p>	Prassi comportamentali.	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>5) minimise motor losses (Section 4.2.13.8)</p>	Prassi comportamentali e programma di manutenzione	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>6) use variable speed drives to reduce the load on fans and pumps (Section 4.2.13.10)</p>	Sono installati numerosi inverter per le regolazioni	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>7) apply thermal insulation, e.g. of pipes, vessels and equipment used to carry, store or treat substances above or below ambient temperature and to equipment used for processes involving heating and cooling (Section 4.2.13.3)</p>		NON APPLICABILE	Non c'è fase calda
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.10 Energy generation and use</p> <p>8) apply frequency controllers on motors (Section 4.2.13.9).</p>	Controllo di frequenza dei motori. Attuato un programma di manutenzione periodico.	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.11 Water use</p> <p>1) only pump up the quantities of water that are actually required (Section 4.2.14.1).</p>		NON APPLICABILE	Non si utilizzano acque sotterranee
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.12 Compressed air systems</p>	Viene fatta una valutazione per stabilire la pressione di esercizio dei compressori.	APPLICATA	

<p>1) review the pressure level and reduce it if possible (Section 4.2.16.1)</p> <p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.12 Compressed air systems</p> <p>2) optimise the air inlet temperature (Section 4.2.16.2)</p>	I compressori sono di nuova concezione.	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.12 Compressed air systems</p> <p>3) fit silencers at air inlets and exhausts, to reduce noise levels (Section 4.2.16.3).</p>	Dispositivi silenziatori installati	APPLICATA	
<p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4 Additional BAT for some processes and unit operations applied in a number of FDM sectors</p> <p>5.1.4.13 Steam systems</p> <p>1) maximise condensate return (Section 4.2.17.1)</p> <p>2) avoid losses of flash steam from condensate return (Section 4.2.17.2)</p> <p>3) isolate unused pipework (Section 4.2.17.3)</p> <p>4) improve steam trapping (Section 4.1.5)</p> <p>5) repair steam leaks (Section 4.1.5)</p> <p>6) minimise boiler blowdown (Section 4.2.17.4)</p>		NON APPLICABILE	Non sono previsti sistemi di produzione vapore
<p>5.1.5 Minimisation of air emissions</p> <p>1) apply and maintain an air emissions control strategy (Section 4.4.1) incorporating:</p> <p>1.1) definition of the problem (Sections 4.4.1.1 and 4.4.1.1.1)</p>	Monitoraggio tramite sistema EMS e PMeC	APPLICATA	
<p>5.1.5 Minimisation of air emissions</p> <p>1) apply and maintain an air emissions control strategy (Section 4.4.1) incorporating:</p> <p>1.2) an inventory of site emissions, including, e.g. abnormal operation (Sections 4.4.1.2 and 4.4.1.2.1)</p>	Monitoraggio tramite sistema EMS e PMeC	APPLICATA	
<p>5.1.5 Minimisation of air emissions</p> <p>1) apply and maintain an air emissions control strategy (Section 4.4.1) incorporating:</p> <p>1.3) measuring the major emissions (Sections 4.4.1.3 and 4.4.1.3.1)</p>	Monitoraggio tramite sistema EMS e PMeC	APPLICATA	
<p>5.1.5 Minimisation of air emissions</p> <p>1) apply and maintain an air emissions control strategy (Section 4.4.1) incorporating:</p> <p>1.4) assessing and selecting the air emission control techniques (Section 4.4.1.4)</p>	Monitoraggio tramite sistema EMS e PMeC	APPLICATA	
<p>5.1.5 Minimisation of air emissions</p> <p>2) collect waste gases, odours and dusts at source (Section 4.4.3.2) and duct them to the treatment or abatement equipment (Section 4.4.3.3)</p>	Le polveri nel processo sono abbattute mediante l'utilizzo di filtri a maniche	APPLICATA	
<p>5.1.5 Minimisation of air emissions</p> <p>3) optimise the start-up and shut-down procedures for the air emission abatement equipment to ensure that it is always operating effectively at all of the times when abatement is required (Sections 4.4.3.1)</p>	Gli impianti di abbattimento sono condizionati alla marcia dell'impianto	APPLICATA	
<p>5.1.5 Minimisation of air emissions</p> <p>4) unless specified otherwise, where process-integrated BAT which minimise air emissions by the selection and use of substances and the application of techniques do not achieve emission levels of 5 – 20 mg/Nm³ for dry dust, 35 – 60 mg/Nm³ for wet/sticky dust and <50 mg/Nm³ TOC, to achieve these levels by applying abatement techniques. This</p>	Sui punti di emissione sono presenti sistemi di abbattimento polveri	APPLICATA	

document does not specifically consider emissions from combustion power plants in FDM installations and these levels are, therefore, not intended to represent BAT associated emission levels from those combustion plants. Some air abatement techniques are described in Sections 4.4 to 4.4.3.12			
5.1.5 Minimisation of air emissions 5) where process-integrated BAT do not eliminate odour nuisance, apply abatement techniques. Many of the techniques described in Section 4.4 are applicable to odour abatement.	GMP per ritiro scarti giornalieri, buone prassi e tempistiche di stoccaggio.	APPLICATA	
5.1.6 Waste water treatment 1) apply an initial screening of solids (Section 4.5.2.1) at the FDM installation 2) remove fat using a fat trap (Section 4.5.2.2) at the FDM installation, if the waste water contains animal or vegetable FOG 3) apply flow and load equalisation (Section 4.5.2.3) 4) apply neutralisation (see Section 4.5.2.4) to strongly acid or alkaline waste water 5) apply sedimentation (Section 4.5.2.5) to waste water containing SS 6) apply dissolved air flotation (Section 4.5.2.6) 7) apply biological treatment. Aerobic and anaerobic techniques applied in the FDM sector are described in Sections 4.5.3.1 to 4.5.3.3.2 8) use CH ₄ gas produced during anaerobic treatment for the production of heat and/or power (Section 4.5.3.2).		NON APPLICABILE	Per la tipologia di ciclo produttivo, negli effluenti non si ritrovano sostanze grasse o materiali grossolani.
5.1.6 Waste water treatment 14) re-use water after it has been sterilised and disinfected, avoiding the use of active chlorine (Sections 4.5.4.8, 4.5.4.8.1 and 4.5.4.8.2) and which meets the standard of Council Directive 98/83/EC [66, EC, 1998].		NON APPLICABILE	Non è previsto riutilizzo di acqua
5.1.6 Waste water treatment 15) stabilisation (Section 4.5.6.1.2) 16) thickening (Section 4.5.6.1.3) 17) dewatering (Section 4.5.6.1.4) 18) drying (Section 4.5.6.1.5), if natural heat or heat recovered from processes in the installation can be used.		NON APPLICABILE	La gestione degli impianti di trattamento acque è in senso alla Di Martino
5.1.7 Accidental releases 1) identify potential sources of incidents/accidental releases that could harm the environment (Section 4.6.1).	Nel Sistema di gestione Ambientale interno c'è la valutazione degli aspetti ambientali	APPLICATA	
5.1.7 Accidental releases 2) assess the probability of the identified potential incidents/accidental releases occurring and their severity if they do occur, i.e. to carry out a risk assessment (Section 4.6.2)	Nel Sistema di gestione Ambientale interno c'è la valutazione degli aspetti ambientali	APPLICATA	
5.1.7 Accidental releases 3) identify those potential incidents/accidental releases for which additional controls are required to prevent them from occurring (Section 4.6.3)	Nel Sistema di gestione Ambientale interno c'è la valutazione degli aspetti ambientali	APPLICATA	
5.1.7 Accidental releases 4) identify and implement the control measures needed to prevent accidents and minimise their harm to the environment (Section 4.6.4)	Nel Sistema di gestione Ambientale interno c'è la valutazione degli aspetti ambientali	APPLICATA	
5.1.7 Accidental releases 5) develop, implement and regularly test an emergency plan (Section 4.6.5)	Nel Sistema di gestione Ambientale interno c'è la valutazione degli aspetti ambientali e la Gestione emergenze e piani di emergenza ambientale	APPLICATA	
5.1.7 Accidental releases 6) investigate all accidents and near	Nel Sistema di gestione Ambientale interno c'è la	APPLICATA	

misses and keep records (Section 4.6.6)	valutazione degli aspetti ambientali e la Gestione emergenze e piani di emergenza ambientale		
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Allegati alla presente scheda ²	

Eventuali commenti

* Applicata, non applicata, non applicabile.

** Motivazioni in caso di non applicata o non applicabile.

¹ - La presente scheda deve riportare la valutazione della soluzione impiantistica da sottoporre all'esame dell'autorità competente. Tale (auto)valutazione deve essere effettuata dal gestore dell'impianto IPPC sulla base del principio dell'approccio integrato, delle migliori tecniche disponibili, delle condizioni ambientali locali, nonché sulla base dei seguenti criteri:

- a. bat conclusion pubblicate sul sito <http://www.dsa.minambiente.it/> o nei BREF pertinenti, disponibili sul sito <http://eippcb.jrc.es/pages/FActivities.htm>;
- b. sulla base della individuazione delle BAT applicabili (evidenziare se le BAT sono applicabili al complesso delle attività IPPC, ad una singola fase di cui al diagramma C2 o a gruppi di esse oppure a specifici impatti ambientali);
- c. discutere come si colloca il complesso IPPC in relazione agli aspetti significativi indicati nei BREF (tecnologie, tecniche di gestione, indicatori di efficienza ambientale, ecc.), confrontando i propri fattori di emissione o livelli emissivi, con quelli proposti nei BREF. Qualora le tecniche adottate, i propri fattori di emissione o livelli emissivi si discostino da quelli dei BREF, specificarne le ragioni e ove si ritenga necessario indicare proposte, tempi e costi di adeguamento;
- d. qualora non siano disponibili BREF o altre eventuali linee guida di settore, l'azienda deve comunque valutare le proprie prestazioni ambientali alla luce delle disponibili, individuando gli indicatori che ritiene maggiormente applicabili alla propria realtà produttiva.

² - Allegare gli altri eventuali documenti di riferimento - diversi dalle linee guida ministeriali o dai BREF - laddove citati nella presente scheda.

fonte: <http://burc.regione.campania.it>