

Process Filtration



COMPRESSED AIR

RAP Goldstate floatenization Act (PSMA) Commission or RPA particulate material scale of the commission of the commissio							
TRA final district Michaelment (A) (1974) Companies and File (A) Co		FILTRATION REQUIREMENT	CITATION	RECOMMENDED DONALDSON SOLUTION			
Fig. Section 1.2.1 Comparison cander file quantification and employer on based of file quantification and employer on based of file quantification and employers as based of file quantification and employers as based of file quantification and employers as been added to the process of the file quantification and employers	Food and Drug Administration (FDA) Code of Federal Regulations (CFR) Title 21, Part 110.40 (g)	surfaces or equipment shall be treated in such a way that food is not contaminated with unlawful	https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfCFR/ CFRSearch.cfm?fr=110.40				
Seldent A.2 Another South Control South Con	FDA Food Safety Modernization Act (FSMA)	[HACCP]-like) food safety management schemes. Compressed air points of use are critical control		· · ·			
Folds to Minimale Microbial Food Significant State of the property operation of Petiting compressed air whose such in contract fresh process along 3.03 microbial Food Significant State of the process o	FDA Guidance Ready-to-Eat (RTE) Foods - Section 5.A.2	American Society of Heating Refrigerating and Air-Conditioning Engineers (ASHRAE) standard 52.2-2012. 6. Depending on your product, your process and the design and construction of your plant, it may be appropriate to use High Efficiency Particulate Air (HEPA) filters that have an efficiency of 99.97-	https://www.fda.gov/downloads/food/guidanceregulation/guidancedocumentsregulatoryinformation/ucm535981.pdf	demands of today's global compressed air regulations and best			
The casker gift filler and associated to spe a fall be founded in the earl repetitor deversitement from the congression agreement appeared to specific and the founded in the earl repetitor group and specific group and spec	FDA Guidance and Regulation - Guide to Minimize Microbial Food Safety Hazards of Fresh-cut Fruits and Vegetables, Section 3	nathogens if not properly controlled. Filtering compressed air when such air contacts fresh produce	https://www.fda.gov/food/guidanceregulation/guidancedocumentsregulatoryinformation/ucm064458.htm	2			
Significant Constraint (SSC) Significant	FDA Pasteurized Milk Ordinance (PMO) 2015 Revision, Appendix H, Section II	The coalescing filter and associated traps shall be located in the air pipeline downstream from the					
Canadian Food Inspection Againage (FCRA) Where required, ambient air, compressed air or gases utilized in processing a quipment that contact Canadian Food Inspection Againage (FCRA) Where required, ambient air, compressed air or gases utilized in processing a quipment that contact Canadian Food Inspection Againage (FCRA) Where required, ambient air, compressed air or gases utilized in processing a quipment that contact Canadian Food Inspection Againage (FCRA) Compressed air is used in fired contact with product or food contact surfaces, the person responsible maintains compressed air a seed in fired contact with product or food contact surfaces, the person responsible maintains compressed air a seed in fired contact with product or food contact surfaces, the person responsible maintains compressed air a seed in fired contact with product or food contact surfaces, the person responsible maintains compressed air a seed in fired control points (CCP) and/or by Good Maintandar(275):18: Journal of Compressed air and a seed in fired control points (CCP) and/or by Good Maintandar(275):18: Journal of Compressed air seed in fired control points (CCP) and/or by Good British Compressed Air Society (BCAS); Food and Severage Grade Compressed Air Societors (2.3) British Compressed Air Society (BCAS); Food and Severage Grade Compressed Air Societors (2.3) Air other products shall be fired. Ministration of the product shall be filtered. Ministration of the product shall be control of the product shall be filtered. Ministration of the product shall be control of the product shall be control of the product shall be filtered. Ministration	Food Safety System Certification (FSSC) ISO 22000:2005 - Food safety management systems - Section 3.8, 3.9		https://www.iso.org/standard/35466.html	,			
Section 3.2 Canadian Good Agricultural Practices (GAP) - Repossible maintains contrast invalidation of product and product or packaging are appropriately sourced and treated to minimize contrast invalidation of product and product or pockaging. If compressed air is used in direct contact with product or food contact surfaces, the person in the product or prod	ISO/TS 22002-1:2009 - Prerequisite programs on food safety - Section 6.5	contact (including those used for transporting, blowing or drying materials, roducts or equipment) shall	https://www.iso.org/standard/44001.html				
Section 3.2 responsible maintains compressed ir oguipment as per manufacturer's instructions or according to a written procedure based on export recommendations. International Featured Standards (IFS) Compressed air shall not pose a risk of contamination. Section 19.1.2 Monadards (IFS) Hazards relevant to food safety shall be controlled in critical control points (CCP) and/or by Good Monadards (IFS) Refrish Refat Consortium (BRC) Issue 7, Section 4.3.10.2 British Compressed Air Society (BCAS) Food and Beverage Grade Compressed Air Society (BCAS) Remove particles greater then 0.1 micron at 99.9999%. Oil-in-Air Concentration must be less then 0.01 migrin? Section 13.5.3 Compressed air or other gases used in the manufacturing process shall be clean and present no risk to food safety. Air or gase that come into contact with food packaging are filtrared using an appropriate filter and retrief. Section 13.5.3 Compressed air content contact with food packaging are filtrared using an appropriate filter and retrief. Section 13.5.3 Compressed air content contact with food packaging are filtrared using an appropriate filter capable of removing dust, all, mosture and microrganisms to avoid cross-contamination to packaged material. The recommended final stage of filtration in these solutions to be in place directly updates of the final stage of firm oil and with respective contact. A Point of Use for Sterile Air. Remove particle greater then 0.3 micron at 99.9999%. Solution 11.5.7 Solution 11.5.7 A Standard 604-69/2004) Sa Standard 604-69/2004) A Point of Use for Sterile Air. Remove particle greater then 0.3 micron at 99.9999%. A Standard 604-69/2004) A Point of Use for Sterile Air. Remove particle greater then 0.3 micron at expectation of the section of the final stage of th	Canadian Food Inspection Agency (CFIA) Food Safety Enhancement Program Manual - Section 3	product or packaging are appropriately sourced and treated to minimize contamination of product and	http://www.inspection.gc.ca/food/safe-food-production- systems/food-safety-enhancement-program/program- manual/eng/1345821469459/1345821716482?chap=4	Steam for final filter sterilization			
Hazards relevant to food safety, shall be controlled in critical control points (CCP) and/or by Good Manufacturing Practices (GMP) measures British Retail Consprision Issue 7, Section 4.5.4 British Retail Consprision Issue 7, Section 4.5.4 British Compressed Air Society (BCAS) Food and Beverage Grade Compressed Air Section 12.3 Maintain -40°F/C dew point in dry air. Remove particles greater then 0.1 micron at 99.999%. Oil-in-Air Concentration must be least then 0.01 mg/m². Section 13.5.3 Compressed air or other gases used in the manufacturing process shall be clean and present no risk to food safety. Air other gases used in the manufacturing process shall be clean and present no risk to food safety. Air or gases that come into contact with food packaging are filtered using an appropriate filter capable of removing dust, oil, moisture and microorganisms to avoid cross-contamination to packaged material. The recommended final stage of filtration in these food contact areas should have a rating of 0.01 micro with an efficiency of 99.999% for as determined by appropriate risk analysis. Sufficient filtration is to be in place directly upstream of the final stage for moil and water aerosols. As tandard 604-05(2004) Section: 26.5.1 As tandard 604-05(2004) Section: 26.5.1 As tendard 604-05(2004) Section: 26.5.1 Air Deficial Conservation and the color blea are marks of Denaldson Company, water aerosols. As tendard 604-05(2004) Section: 26.5.1 As tendard 604-05(2004) Section: 26.5.1 As tendard 604-05(2004) Section: 26.5.1 Air Deficial Conservation and the color blea are marks of Denaldson Company, water aerosols. As tendard 604-05(2004) Section: 26.5.1 As tendard 604-05(2004) As tendard 604-05(2004) Section: 26.5.1 As tendard 604-05(2004) Section: 26.5.1 As tendard 604-05(2004) As tendard 604-	Canadian Good Agricultural Practices (GAP) - Section 8.2	responsible maintains compressed air equipment as per manufacturer's instructions or according to a	http://www.canadagap.ca/manuals/manual-downloads/	Dentition 7			
British Retail Conspressed Air Society (BCAS) Food and Beverage Grade Compressed Air Society (BCAS) Fo	International Featured Standards (IFS) Version 6, Section 4.9.10.2	Compressed air shall not pose a risk of contamination.	https://www.ifs-certification.com/index.php/en/ standards/251-ifs-food-en				
Issue 7. Section 4.5.4 monitored to ensure this does not represent a contamination risk. Compressed air used directly in contact with the product shall be filtered. British Compressed Air Society (BCAS) - Remove particles greater then 0.1 micron at 99.9999%. Oil-in-Air Concentration must be less then 0.01 mg/m³. Safe Quality Foods (SQF) 8 edition - Section 13.5.3 Air or gases that come into contact with floor product of filtration in these food contact areas should have a rating of 0.01 micron with an efficiency of 99.999% for as determined by appropriate risk analysis). Sufficient filtration is to be in place directly upstream of the final stage to protect the final stage for product used - 18588 3-A Standard 604-05/2004) 3-A Standard 604-05/2004) A Point of Use for Sterile Air. Remove particle greater then 0.3 micron at 99.9999%. Constant process shall be clean and present no risk to protect the final stage from oil and water aerosols.	Global Red Meat Standard (GRMS) - Section 12.1.2	Hazards relevant to food safety shall be controlled in critical control points (CCP) and/or by Good Manufacturing Practices (GMP) measures.	http://www.grms.org/grms-standard				
Remove particles greater then 0.1 micron at 99.9999%. Safe Quality Foods (SQF) 8 edition - Section 13.5.3 Compressed air or other gases used in the manufacturing process shall be clean and present no risk to food safety. Compressed air or other gases used in the manufacturing process shall be clean and present no risk to food safety. Compressed air or other gases used in the manufacturing process shall be clean and present no risk to food safety. Compressed air or other gases used in the manufacturing process shall be clean and present no risk to food safety. Section 13.5.3 Air or gases that come into contact with food packaging are filtered using an appropriate filter capable of removing dust, oil, moisture and microorganisms to avoid cross-contamination to packaged material. The recommended final stage of filtration in these food contact areas should have a rating of 0.01 micron with an efficiency of 99.999% for as determined by appropriate risk analysis). Sufficient filtration is to be in place directly upstream of the final stage for protect the final stage for original at 99.999%. At Point of Use for Sterile Air. Remove particle greater then 0.3 micron at 99.9999%. At Point of Use for Sterile Air. Remove particle greater then 0.3 micron at 99.9999%.	British Retail Consortium (BRC) - Issue 7, Section 4.5.4	monitored to ensure this does not represent a contamination risk. Compressed air used directly in		1 DF-C Cyclone Separator			
Section(s): 3.5.6, 4.5.5, 9.5.6, 10.5.5, 11.5.5, 12.5.6 Section(s): 4.5.7 Section(s): 4	British Compressed Air Society (BCAS) - Food and Beverage Grade Compressed Air Best Practice Guideline 102 Section 7.3.3	Remove particles greater then 0.1 micron at 99.9999%.	http://www.bcas.org.uk/media/download.aspx?Mediald=496	3 DF Housing with V-Grade Coalescing Element			
sof Guidance Document for 7.2 Module 11 - Section 11.5.7 The recommended final stage of filtration in these food contact areas should have a rating of 0.01 micron with an efficiency of 99.999% (or as determined by appropriate risk analysis). Sufficient filtration is to be in place directly upstream of the final stage to protect the final stage from oil and water aerosols. At Point of Use for Sterile Air: Remove particle greater then 0.3 micron Section: D6.6.1 Section: D6.6.1 Soli / Water Separator http://www.sqfi.com/wp-content/uploads/Module-11-Guidance-7.2.pdf Soli / Water Separator	Safe Quality Foods (SQF) 8 edition - Section(s): 3.5.6, 4.5.5, 9.5.6, 10.5.5, 11.5.5, 12.5.6		http://www.sqfi.com/documents/				
Section 11.5.7 micron with an efficiency of 99.999% (or as determined by appropriate risk analysis). Sufficient filtration is to be in place directly upstream of the final stage from oil and water aerosols. 3-A Standard 604-05(2004) Section: D6.6.1 Micron with an efficiency of 99.999% (or as determined by appropriate risk analysis). Sufficient filtration is to be in place directly upstream of the final stage from oil and water aerosols. Guidance-7.2.pdf ©2017-2018 Donaldson Company, Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners. {Contains Donaldson proprietary technology.} At Point of Use for Sterile Air: Remove particle greater then 0.3 micron at 99.9999%.	Section13.5.3	capable of removing dust, oil, moisture and microorganisms to avoid cross-contamination to packaged					
Section: D6.6.1 at 99.9999%. accepted-practice?product_id=1185988	SQF Guidance Document for 7.2 Module 11 - Section 11.5.7	micron with an efficiency of 99.999% (or as determined by appropriate risk analysis). Sufficient filtration is to be in place directly upstream of the final stage to protect the final stage from oil and	http://www.sqfi.com/wp-content/uploads/Module-11- Guidance-7.2.pdf				
	3-A Standard 604-05 (2004) Section: D6.6.1	at 99.9999%.	http://www.techstreet.com/3a/standards/3a-604-05-accepted-practice?product_id=1185988				

2 Donaldson - Process Filtration 800-543-3634 3

LIQUID

GOOD MANUFACTURING PRACTICES - WATER OR LIQUID IN FOOD PLANTS	FILTRATION REQUIREMENT	CITATION	RECOMMENDED DONALDSON SOLUTION
Food and Drug Administration (FDA) Inspection Technical Guides: Reverse Osmosis	One of the basic requirements of a Reverse Osmosis system is the prefilteration of water before RO modules.	https://www.fda.gov/ICECI/Inspections/InspectionGuides/ InspectionTechnicalGuides/ucm072913.htm	Donaldson filtration products protect against particulates, bacteria, and other harmful contaminants that can affect the quality of your product or processes. Use the following setup to ensure that your process meets the demands of today's global liquid regulations and best practices for food and beverage industries.
FDA Pasteurized Milk Ordinance (PMO) 2007 Revision, Appendix H, Secion III & Appendix G	Boiler Feed Water Filtration: Feed water may be treated, if necessary, for proper boiler care and operation. Boiler feed water treatment and control shall be under the supervision of trained personnel or a firm specializing in industrial water conditioning. Such personnel shall be informed that the steam is to be used for culinary purposes.	http://www.idfa.org/docs/default-source/d-news/2015-pmo- final.pdf	
FDA Food Code - (2013) Chapter 5: Water, Plumbing and Waste Section 5-202.15	A water filter, screen, and other water conditioning device installed on water lines shall be designed to facilitate disassembly for periodic servicing and cleaning. A water filter element shall be of the replaceable type.	https://www.fda.gov/downloads/Food/GuidanceRegulation/ RetailFoodProtection/FoodCode/UCM374510.pdf	
FDA Guide to Inspections of Aseptic Processing and Packaging for the Food Industry	Filters should be changed at intervals recommended by the manufacture. Filters that are steam sterilized must be designed for steam sterilization, and changed out after the manufactures recommend number of steam cycles has been reached.	https://www.fda.gov/downloads/ICECI/Inspections/ InspectionGuides/ucm091740.pdf	Untreated source water 2
Canadian Food Inspection Agency (CFIA) Food Safety Enhancement Program Manual - Section 3 A.4.1.1	The establishment has and implements documented water safety procedures to ensure that water and ice meet the potability requirements of the appropriate regulatory authority. Where filters are used they are kept effective and maintained in a sanitary manner.	http://www.inspection.gc.ca/food/safe-food-production- systems/food-safety-enhancement-program/program- manual/eng/1345821469459/1345821716482?chap=4	Purified, sterile water outlet
Canadian Good Agricultural Practices (GAP) - Version 7.0, Section 7.1	Agricultural water, water that comes in direct contact with product, or water that may impact food safety through cross contamination must come from water sources that are annually assessed for potential hazards. Water filtration systems are recommended to ensure water sources pass yearly testing.	http://www.canadagap.ca/manuals/manual-downloads/	
International Featured Standards (IFS) Version 6, Section 4.9.9.3	The quality of water, steam or ice shall be monitored following a risk based sampling plan.	https://www.ifs-certification.com/index.php/en/ standards/251-ifs-food-en	
British Retail Consortium (BRC) - Issue 7, Section 4.5.1	All water used as a raw material in the manufacture of processed food, the preparation of product, hand-washing or for equipment or plant cleaning shall be supplied in sufficient quantity, be potable at point of use or pose no risk of contamination according to applicable legislation.	http://www.brcbookshop.com/p/1651/brc-global-standard- for-food-safety-issue-7-uk-free-pdf	W V V V
Safe Quality Foods (SQF) 8 edition - Section 13.5.2.1	Water used for product contact or food packaging materials shall be suitable to the operation and comply with local, national or internationally recognized potable water.	http://www.sqfi.com/documents/	Steam for
Section 3.5.1, 4.5.1, 9.5.1, 10.5.1, 11.5.1, 12.5.1, 13.5.1	Where water is stored on site, storage facilities should be adequately designed, constructed and maintained to prevent contamination.		sterilizing final filter 5
SQF Guidance Document for 7.2 Module 11 - Section 11.5.2	Any water that is used in the process that could come in contact with the product must be verified to be in compliance with local and national standards. In the US and Australia for example, the potability standard for drinking water is <1 coliform / 100 mL water and membrane filtration is the preferred method. However, standards also apply for Salmonella spp, Shigella spp, enterovirulent E.coli, Vibrio cholera, Yersinia enterocolitica, Campylobacter jejuni, and protozoa.	http://www.sqfi.com/wp-content/uploads/Module-11- Guidance-7.2.pdf	1 P-PT Housing with PP-N Element 2 PF-EG Sanitary Housing with PP100 Element 3 PF-EG Sanitary Housing with PES-WN Element
3-A Standard 609-03 (2004) Section F1: Boiler Feeder Water	Safe water or water supplies acceptable to the regulatory jurisdiction should be used for boiler feeder water.	http://www.techstreet.com/standards/3a-609-03-accepted-practice?product_id=1185990	4 P-EG Housing with 5 µm P-GS Element
Section B3: Safe Water	Shall be safe water which means water from a supply located, protected and operated and shall be of a safe, sanitary quality. The water shall meet the standards perscribed in the National Primary Drinking Water Regulations of the Environmental Protection Agency (EPA) as referenced in the CFR, Title 40, Parts 141, 142 and 143or from the requirements for water reclaimed from the condensing of milk and milk products in the Pasturized Milk Ordinance, Appendix D. V. Category I.		©2017-2018 Donaldson Company, Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Company Inc. All other marks belong to their respective owners. {Contains Donaldson proprietary technology.}

4 Donaldson - Process Filtration 5

STEAM

GOOD MANUFACTURING PRACTICES - STEAM IN FOOD PLANT	FILTRATION REQUIREMENT	CITATION	RECOMMENDED DONALDSON SOLUTION
Food Safety System Certification (FSSC) ISO 22000:2005 - Food safety management systems	ISO22000:2005 states that prerequisite programs should be in place to address supplies of culinary grade steam.	https://www.iso.org/standard/35466.html	Donaldson filtration products protect against particulates and other harmful contaminants that can affect the quality of your product or process. Use the following setup to ensure that your process meets the demands of today's global steam regulations and best practices for food and beverage industries.
ISO/TS 22002-1:2009 - Prerequisite programs on food safety - Section 6.5	ISO/TS 22002-1:2009 states that steam intended for direct or incidental product contact (including water used for the manufacture of steam that will come in contact with food or used to heat water that will come in contact with food) shall comply with local, national or internationally recognized potable water microbiological and quality standards as required.	https://www.iso.org/standard/44001.html	
Canadian Food Inspection Agency (CFIA) Food Safety Enhancement Program Manual - Section 3.A.4	Water, ice and steam can be a source of biological or chemical contaminants. Since water, ice and steam can be used for a variety of purposes (e.g., sanitation, hand washing, as an ingredient or processing aid), it is important to perform water sampling and testing to confirm potability. Where filters are used they are kept effective and maintained in a sanitary manner.	http://www.inspection.gc.ca/food/safe-food-production- systems/food-safety-enhancement-program/program- manual/eng/1345821469459/1345821716482?chap=4	
International Featured Standards (IFS) Version 6. Section 4.9.9.3	The quality of water, steam or ice shall be monitored following a risk based sampling plan.	https://www.ifs-certification.com/index.php/en/ standards/251-ifs-food-en	
British Retail Consortium (BRC) - Issue 7, Section 4.5.4	Air, other gases and steam used directly in contact with, or as an ingredient in, products shall be monitored to ensure this does not represent a contamination risk.	http://www.brcbookshop.com/p/1651/brc-global-standard- for-food-safety-issue-7-uk-free-pdf	
Food and Drug Administration Act (FDA) Food Safety Modernization Act (FSMA)	Companies under FDA jurisdiction must employ risk-based (HACCP-like) food safety management schemes. Steam intended for direct or incidental product contact (including water used for the manufacture of steam that will come in contact with food or used to heat water that will come in contact with food) will therefore need to be filtered.	https://www.fda.gov/Food/GuidanceRegulation/FSMA/default.htm	المحادث المحاد
FDA Guidance Ready-to-Eat (RTE) Foods - Section 13.E.(13)	Intensified cleaning and sanitizing includes sanitation measures that are performed in addition to normal sanitation procedures and are escalated in response to continuing findings of positives. Intensified cleaning and sanitizing can include increasing the frequency of cleaning and sanitizing for certain pieces of equipment, breaking down the equipment into its parts for further cleaning, and steam treating equipment.	https://www.fda.gov/downloads/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/UCM535981.pdf#page=15	Wet, contaminated steam 1 Purified, culinary grade steam outlet
FDA Pasteurized Milk Ordinance (PMO) 2015 Revision, Appendix H, Secion II	Steam Filtration: Figure 42 and 43 depict a culinary steam system, both diagrams require a pre-filter (entrainment separator) as well as a culinary steam filter.	http://www.idfa.org/docs/default-source/d-news/2015-pmo- final.pdf	3
PMO 2007 Revision, Appendix H, Secion III & Appendix G	Boiler Feed Water Filtration: Feed water may be treated, if necessary, for proper boiler care and operation. Boiler feed water treatment and control shall be under the supervision of trained personnel or a firm specializing in industrial water conditioning. Such personnel shall be informed that the steam is to be used for culinary purposes.		3
Safe Quality Foods (SQF) 8 edition - Section 13.5.2.1	The manufacture of steam that will come in contact with packaging; shall comply with local, national or internationally recognized potable water microbiological and quality standards as required.	http://www.sqfi.com/documents/	A D FO WHOS D COLNEY
SQF Guidance Document for 7.2 Module 11 - Section 11.5.2.v	Water used for the manufacture of steam that will come in contact with food or used to heat water that will come in contact with food shall comply with local, national or internationally recognized potable water microbiological and quality standards as required.	http://www.sqfi.com/wp-content/uploads/Module-11- Guidance-7.2.pdf	 P-EG with 25 μm P-GSLN Element PG-EG Sanitary Housing with 5 μm P-GS Element Condensate Drain
3-A Standard 609-03 (2004) Section D 2.1 - 2.2	Entrainment Separator: An entrainment separator capable of removing particles 10 microns in size and larger, and with an associated condensate trap. Final Filter: A filter capable of removing 95% of the particles 2 microns in size or larger, and with an associated trap.	http://www.techstreet.com/standards/3a-609-03-accepted-practice?product_id=1185990	©2017-2018 Donaldson Company, Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Compa Inc. All other marks belong to their respective owners. {Contains Donaldson proprietary technology.}

6 Donaldson - Process Filtration 800-543-3634 7



SUPERIOR FILTRATION. MAXIMUM PROTECTION.

Extensive Product Portfolio

- · Process air, steam and liquid filtration products
- Performance engineered to sanitary guidelines
- Wide range of filtration media for any application
- · Housings, elements, and parts in-stock, ready to ship

Advanced Technology

- · Optimized filtration performance and efficiency
- · Extensive research and development capabilities
- · Advanced design and testing capabilities
- Over 1,000 engineers and scientists worldwide

Unrivaled Support and Expertise

- · Expert technical specialists available as resource
- · Comprehensive pre- and post-sale support
- Extensive filter analysis and trouble-shooting
- 100 years of successful global manufacturing



Standard No. 10-04*







Member of



Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



Donaldson Company, Inc. Process Filtration PO Box 1299 Minneapolis, MN 55440-1299 U.S.A.

Tel 800-543-3634 (USA) Tel 800-343-3639 (within Mexico) Fax 952-885-4791

processfilters@donaldson.com donaldsonprocessfilters.com

F117065 (03/18) ENG Regulatory and Best Practices Overview

©2017-2018 Donaldson Company, Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners. {Contains Donaldson proprietary technology.}