

Beshada, Eshetu

From: Joel Giesbrecht <Joel.Giesbrecht@quikrete.ca>
Sent: February 5, 2025 9:38 AM
To: Beshada, Eshetu <Eshetu.Beshada@gov.mb.ca>
Subject: Re: [EXTERNAL] File 5596.00 Target Products - NoA Additional info request

Good Morning Eshetu,
I hope this day finds you well. Thank you for reviewing the information that I sent you. I've attached the only document that I currently have on file that may help you out. It is the engineering drawing with specifications for our Gold Series GS4 dust collector. I've reached out to the manufacturer for more information regarding the filter efficiencies for our particular unit and the filters that they specified and supplied. Once received, I will pass this along to you. Thanks for your time.

Have a great day!

Joel Giesbrecht,
Plant Supervisor/Industrial Mechanic
Target Products Ltd.
A Wholly-Owned Subsidiary of The QUIKRETE® Companies

From: Beshada, Eshetu <Eshetu.Beshada@gov.mb.ca>
Sent: Wednesday, February 5, 2025 8:28 AM
To: Joel Giesbrecht <Joel.Giesbrecht@quikrete.ca>
Subject: RE: [EXTERNAL] File 5596.00 Target Products - NoA Additional info request

Hello Joel,
Thank you for your response. I reviewed the additional information. The spec for the dust controller is not a spec as indicated it is more of an order form. I have attached what you sent for a reference. What I want is the spec for the actual dust controller installed at the facility. The spec should show its model and operational detail including filter efficiency.
If you have any question on the above, please let me know.

Regards

Eshetu Beshada, PhD., P. Eng.
Senior Environmental Engineer

From: Joel Giesbrecht <Joel.Giesbrecht@quikrete.ca>
Sent: January 15, 2025 8:54 AM
To: Beshada, Eshetu <Eshetu.Beshada@gov.mb.ca>
Subject: Re: [EXTERNAL] File 5596.00 Target Products - NoA Additional info request

Good Morning Eshetu,

Sorry for the mix-up with sending the information to Rachel penner instead of you. I'm hoping that we can sufficiently provide all the documents needed for your environmental review of our dust collector installation. Please find attached the following as requested:

- Pictures of dust collector unit and dust piping
- And engineering drawing with specifications of the unit
- Review of noise level when dust collector is on/off in both the inside work area and outside by the employee entrance near the dust collector. All noise is within normal acceptable ranges (Equivalent to forklift noise levels) and all personnel are required to wear hearing protection on site. Be aware that this unit is used only when working with dry aggregates and during the summer months of May - October. All aggregates are typically wet as all are stored outside with no protection from weather.
- Copy of Maintenance daily/weekly check list for dust collectors on site

As per your last question, dust recovery happens only about once a year as we only fill about one 50 gallon barrel with dust over the course of the season due to the wet nature of the aggregates that are processed on our C-line. The barrel is emptied into our overs pile where it is mixed with wet rock and sand and recycled for use with our wet base material blend.

Let me know if you have any other questions or concerns and I will be happy to help!

Have a great day!

Joel Giesbrecht,

Plant Supervisor/Industrial Mechanic

Target Products Ltd.

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From: Beshada, Eshetu <Eshetu.Beshada@gov.mb.ca>

Sent: Tuesday, January 14, 2025 10:32 AM

To: Joel Giesbrecht <joel.giesbrecht@quikrete.ca>; mike.bellisle@quikerete.ca <mike.bellisle@quikerete.ca>

Subject: [EXTERNAL] File 5596.00 Target Products - NoA Additional info request

Good morning, Joel and Mike,

The Notice of Alteration you submitted to Rachel was forwarded to the Environmental Approvals Branch. I am the contact person for licensing and approval related applications for your facility.

I reviewed the alteration you submitted as per the following email. Please provide the following additional information for a proper assessment of any potential environmental effect of the alteration.

- Please provide the pictures referenced in page 3 of your document.
- Provide the specification of the dust collector installed at the facility.
- Information regarding any potential noise increase due to the additional dust collector.
- Any maintenance schedule of the dust control system.
- How frequent is dust recovery takes place.

If you have any question on the above, please do not hesitate to contact me at any time.

Regards

Eshetu Beshada, PhD., P. Eng.

Senior Environmental Engineer

Cartridge Filter Media Emission Statement

Camfil Air Pollution Control offers a wide variety of filtration media to meet our customers' air filtration requirements. The experience used to arrive at these values include in-house lab testing, thirty party testing, and in-field stack tests on a variety of dust types. Air filtration requirements vary by country, state, county, application or company standards. Guaranteed emission levels as discussed here are particles released after passing through a dust collection system's primary filter cartridge. Stack tests on a set of cartridge filters should be conducted after a minimum of 100 hours and prior to a maximum of 2000 hours of normal operation.

Media Grades	Emission Level	
Standard Media		
-Green, Carbon Impregnated, Flame Retardant	.005 gr/dscf	11.4 mg/m ³
eXtreme Media		
-Green, Carbon Impregnated, Flame Retardant	.001 gr/dscf	2.3 mg/m ³
Spunbond Media		
-Standard, Aluminized, Oleophobic	.005 gr/dscf	11.4 mg/m ³
Specialty Media		
-Flame retardant/PTFE	.00005 gr/dscf	.114 mg/m ³
Spunbond Media		
-PTFE	.00005 gr/dscf	.114 mg/m ³
Meltblown Media		
-High Efficiency	.002 gr/dscf	4.6 mg/m ³

Emission level refers to PM10 (10 micron and below) particulate.

To discuss media grade selection, establishing lower emission levels than stated above or adding secondary filtration please contact your Camfil representative.

Randi Huckaby

Product Manager- Dry Filtration APC Global