



## Air Handling Systems Newsletter

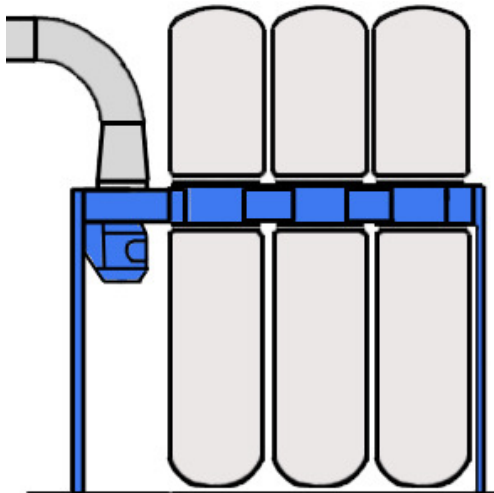
[www.airhand.com](http://www.airhand.com)

## INDUSTRIAL STRENGTH Ductwork Direct

February 2014

### Combustible Dust Q & A

Here is a recent question we received in reference to NFPA 664 and enclosureless dust collectors.



**Q** - As you know OSHA has made combustible dust a point of emphasis and with that they are emphasizing NFPA 664. 664 has a requirement that enclosureless dust collectors such as the ones we have purchased not be used with sanders, molders or abrasive planers. I would like to know why this requirement exists? I bought our enclosureless dust collectors specifically for our molder and sander. Your help is appreciated.

**A** - The issue comes down to mechanical feed through the woodworking machine, such as a wide belt sander, molder or abrasive planer. This is detailed in NFPA 664-2012 Section 8.2.2.5.1.4, specifically for enclosureless dust collectors. Just to

### Doctor of Ductwork Curt Corum Please verify your connections



Air Handling Systems manufactures and supplies modular dust and fume collection spiral pipe and fittings. There are a few ways to connect the pipe and fittings, but in each case, whether couplings or flanges, everything connects together. In many instances, the connection to dust collector inlet collar or flange and dust producing machine collar are not verified. We can not assume that a spiral pipe, fitting end, or coupling will be compatible. This creates a delay in the installation or the field modification of one of our fittings as seen in the attached photo. We definitely want to avoid this situation. Please measure the OD and ID of previously mentioned locations and relay the information to your sales person. When your ducting system leaves our facility, the items required for this purpose must be included in the shipment. Our shop fabricates special adapters regularly. In some cases, we may be off by 1/16 of an inch. That 1/16 may put a hold on the project. The worst scenario is when the machinery technician is flying in from over

confirm NFPA 664 2012 Edition Section 8.2.2.5.1.4 states: "sanders, molders, or abrasive planers." The word molder was added in NFPA 664 2012 edition, whereas the 2007 edition did not have the word "molder".

Click here for [Examples of General Duty Clause Violations](#) and scroll down to the section on "Examples of General Duty Clause Violations" #15 where it states: "Enclosureless systems were allowed indoors where they were connected to sanders having mechanical feeds..."

NFPA is a voluntary consensus standard. However it is commonly used by OSHA in their General Duty Clause. So where they do not have a regulation on a certain topic they will refer to a voluntary consensus standard like NFPA. NFPA, itself is not mandatory; however the AHJ (Authority Having Jurisdiction), building inspector, fire marshal, etc., in this case OSHA can and will refer to NFPA as a resource.

It frustrates us and we can sympathize for your situation. The dust collector manufacturer or company representing a dust collector manufacturer, such as a machinery dealer, should be responsible in helping to determine the proper dust collector for each unique operation.

For more information on combustible dust, please contact Jamison Scott, [jscott@airhand.com](mailto:jscott@airhand.com)

seas and dust collection needs to be up and running prior to their arrival. Please verify your connections so everything will go as planned.

## Meet OUR Staff Juan Torres

Connoisseur of Crates, Superior Shipper, Expert with Exports and Improvising - Juan is the face of our shipping department for the many customers that pick up their orders. While you might be located throughout the country and only receive a shipment from us, many customers in the northeast come and pick up their orders and the friendly face greeting them is Juan Torres, our shipping manager for over 20 years. He takes great pride in ensuring your ductwork arrives in pristine condition. He also works diligently to ensure your shipment is also shipped at the most cost effective rate possible thus saving you money, whether that one blastgate or an entire truckload, be it across the country or half way around the world. In addition to shipping, Juan also puts his sales hat on using his bilingual skills when communicating to customers located throughout Latin America.



What you might not know is when Juan is not focused on your shipment he spends his weekends taking care of his collection of rare breed of parrots and other beautiful birds. Additionally, he is a great father working hard to ensure a great future for his daughter.

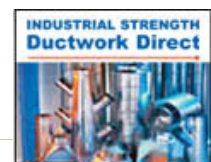
Juan can be reached at 800-367-3828 x 119 or [jtorres@airhand.com](mailto:jtorres@airhand.com)

## Need Flexible Hose?



## Air Handling Catalog

FREE Air Handling Systems catalog is available. To request your copy please call



Air Handling Systems stocks 15 different types of flexible hoses from 2"-12" in diameter.

[Click here to see our online selection.](#) If you don't see the hose you need, let us know and we can tap our extensive network to find the correct hose for your application.

800-367-3828 or email [sales@airhand.com](mailto:sales@airhand.com) and we will mail one to you immediately.



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