

**Miller, Diane M. (CDC/NIOSH/EID)**

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**From:** lingenfelter@allegrosafety.com  
**Sent:** Tuesday, September 30, 2008 4:53 PM  
**To:** NIOSH Docket Office (CDC)  
**Cc:** Chen, Jihong (Jane) (CDC/NIOSH/EID) (CTR); Doyle, Glenn (CDC/NIOSH/EID)  
**Subject:** 083-A - Subpart-J-CC-SCBA-Concept Comments

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**Comments**

After a quick review of the Proposed Changes to Subpart J, Allegro would like to get a response to the following questions regarding the proposed changes.

- Will the "Airsource Respirator" approvals have any effect on the current "Ambient Air Pump Systems" that Allegro currently sells. Although we sell the pump, airline and respirator as a system, the NIOSH approval only begins at the POA (being the Ambient Air Pump outlet)?
- Although, Ambient Air pumps are known for producing heat in the airline, could the "Airsource Respirator" include a cooling device or chamber between the pump and the respirator to help lower the breathing air temperature?
- What requirements will there be to guarantee that the "Air Source Respirator" is placed inside of a clean air environment?
- There is mention of the air coming from the pump or compressor not exceeding 6 degrees C. At which point is this temperature monitored? You can have 70 degrees F. coming out of an Airsource however, if the breathing hose is exposed to high temperatures such as being in the sun or laying on a hot surface, the temperature can increase another 15 to 35 degrees F.
- The noise level of the pump/compressor is to be no greater than 85dBA seems very conservative. Where did this number come from?
- 4.4.3.8 Discusses Detachable Couplings requiring two motions for release, does this apply to all SAR's.

Thank you for your time.

Best Regards,

Tom Lingenfelter  
Director of Engineering/QA  
Allegro Industries