



Department of Pesticide Regulation



Mary-Ann Warmerdam
Director

MEMORANDUM

Edmund G. Brown Jr.
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TO: George Farnsworth
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Worker Health and Safety Branch
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FROM: Harvard Fong *[Original signed by H. Fong]*
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DATE: January 12, 2011

SUBJECT: UPDATED LIST OF ENCLOSED CABS ACCEPTABLE FOR RESPIRATORY PROTECTION (Supercedes ENF 99-007)

The American Society of Agricultural and Biological Engineers (ASABE, previously ASAE), is in the process of developing a new enclosed cab standard, S613. This new Standard is meant to replace the withdrawn S525 Standard. Even though S525 has been withdrawn (primarily for difficulties in confirming that a cab that has been in use still conforms to the Standard), the Department of Pesticide Regulation will continue to recognize S525 cabs that are compliant with the S525 Standard's Section 7.2.2 (enclosed cab for pesticide application incorporating dermal hazard reduction [EPCAD]) or Section 7.2.3 (enclosed cab for pesticide application incorporating respiratory hazard reduction [EPCAR]). This recognition is contingent on the cab owner's compliance with Worker Health and Safety's WHS Letter 02-06, a copy of which can be found at: <http://www.cdpr.ca.gov/docs/whs/cac/cacwhs02-06.pdf>.

The following list provides information on where to obtain the Standards (S525 and S613), as well as a listing of all S525-compliant enclosed cab manufacturers know by the State of California. Any company requesting to be added to this list should submit documentation (written description, design drawings, photographs, and engineering features) that shows compliance with the S525 Standard. This information should be sent to:

Department of Pesticide Regulation
Worker Health and Safety Branch
P.O. Box 4015
Sacramento, California 95812-4015
Attn: Industrial Hygiene/S525 Doc.

Any questions concerning S525 or S613 compliant enclosed cabs should be addressed to Harvard Fong, Senior Industrial Hygienist at: hfong@cdpr.ca.gov, or 916-445-4211.



Department of Pesticide Regulation
Worker Health and Safety Branch
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LIST OF ENCLOSED CABS ACCEPTABLE FOR RESPIRATORY PROTECTION

1. Cabs certified by the manufacturer to meet the American Society of Agricultural and Biological Engineers Standards (ASABE) S613-1 FEB2009, or ASAE S525-1.2 JAN03

American Society of Agricultural Engineers
2950 Niles Road
St. Joseph, MI 49085-9659
Phone: 269-429-0300
Fax: 269-429-3852
e-mail: hg@asabe.org
Internet: www.asabe.org

Note: The Department of Pesticide Regulation (DPR) is drafting regulations to recognize cabs certified by the manufacturer to meet the ASAE standards as acceptable for respiratory protection during pesticide application in California. This standard does not apply to protection from fumigants.

Major features of cabs meeting the ASABE standards:

a. Air Purification System and Maintenance Instructions:

- Cab must incorporate an air purification system and instructions covering continued protection.

b. Positive Pressure:

- Cab must operate under a positive pressure.

c. Cleaning Schedule:

- A cleaning schedule must be specified.

d. Documentation:

- Air purification system maintenance must be recorded. The entries will document the installation date and corresponding engine hour meter reading and when the next scheduled maintenance is required.

2. Nelson Spray Cab:

Nelson Spray Cab
Nelson Mfg. Co., Inc.
2860 Colusa Hwy.
Yuba City, CA 95993

Contact: Mike Estes
Phone: 530-673-0919

Summary of Manufacturer's Specific Instructions to be followed during pesticide application (per Operators Manual OM-SC1190, dated November 1, 1990, or later version).

a. Air Purification System Maintenance:

- Pre-filter must be cleaned or replaced daily.
- HEPA air-purification element must be replaced every 400 hours, or 3 months.
- Carbon replaced every 100 hours or 2 weeks.

b. Positive Pressure:

- Cab pressures must be greater than 0.03 inches of water gauge pressure with doors closed and system operating.

c. Cleaning Schedule:

- Clean exterior and interior weekly.
- Maintain interior free of accumulation of visible dirt and contamination.

d. Documentation:

- The Operator's Manual and a log book must be kept in the cab. The log book must show when servicing and cleaning were last performed and when the air purification system maintenance is next due.