

FROM R. H. WATSON
PITTSBURGH OFFICE

TO

Mr. Thomas B. Bonney
Pittsburgh Office 3

December 8, 1971

RE: ALCOA PARTICIPATION IN EXTERNAL STANDARDIZING COMMITTEES

Enclosed is a letter to me from Mr. J. R. Walgren. Also enclosed is a list of standards to yet be developed exclusive of NFPA standards, with which we may be concerned. It is not a complete list.

The particular question of participation in standards committees arose from an interest by Iowa Manufacturers Association. They were interested in having industrial participation in standards development. I am sending Mr. Walgren's proposal to you as an interim response and what appears to be an organized way to approach this problem.

It must be remembered that our participation in such standards committees is increasingly important because, in time, standards are likely to be developed in most, if not all, of these areas. We ultimately may have to accept those standards as written and our choice is whether or not we wish to participate in their development so that they are most capable of providing effective safety and health to our employees in the most efficient manner. When requested by a State organization such efforts may also be instrumental in whether, or not, the State standards are acceptable to the Federal Government. If at your location you desire to work with a State Compliance and Enforcement Program, as contrasted to Federal Compliance and Enforcement, this effort could be additionally important.

Please contact your local engineering personnel, and other interested parties, on this matter.



R. H. WATSON

RHW:lel

TO: SAFETY DIRECTORS (d)

cc: T. B. Bonney, Pittsburgh - 7
L. V. Cralley, Pittsburgh - 7
L. C. Drapela, Pittsburgh - 27 O.P.
J. C. Glascock, Pittsburgh - 20
H. H. Gnuse, Pittsburgh - 9 O.P.
R. H. Heller, Pittsburgh - 8 O.P.
S. J. Jones, Pittsburgh - 20
R. N. Wagner, Pittsburgh - 20
J. R. Walgren, Pittsburgh - 8 O.P.



411582 0091

FROM J. R. WALGREN
MATERIALS AND STANDARDS SECTION
PITTSBURGH OFFICE - 8 OLV PL

TO MR. R. H. WATSON
PITTSBURGH OFFICE - 7

November 12, 1971

RE: ALCOA PARTICIPATION IN EXTERNAL STANDARDIZING COMMITTEES

You asked for my comments on the Iowa Manufacturers Association's September 24 letter calling for participation on standardizing committees whose standards may ultimately be adopted as part of the Occupational Safety and Health Act.

A Davenport note on this letter suggested that Alcoa may have representatives at the Corporate level engaged in such work. This is certainly so in at least one instance and there are probably others. For example, L. C. Drapela of Pittsburgh Electrical Engineering is chairman of an Illuminating Engineering Society committee assigned to develop lighting standards for aluminum plants. The express purpose of this committee is to establish a standard which will be accepted at the Federal level and which will reduce what we now believe to be an over specification in the Federal requirements.

In order to coordinate Alcoa's efforts in such activities, I believe the plants should check with the department head in Pittsburgh who would likely be concerned before accepting committee assignments.

J. R. WALGREN

JRW:mdb

CC:
R. N. Wagner - Pittsburgh, 20



411582 0092

C O P Y

FTG/97

June 10, 1971

M E M O R A N D U M

To: File

From: F. T. Gutmann

Subject: A list of standards to be created in response to the
Occupational Safety and Health Act

The attached list is based on two documents:

- (a) the briefing book issued by the Department of Labor which defines, and comments on the initial standards packages printed in the Federal Register of April 17 and May 29, 1971.
- (b) the Department of Labor's "worst first" list, which singles out the industries having the worst accident experience.

Standards dealing with fire safety have been omitted, since they are normally handled by NFPA.

No attempt is being made, at this time, to establish priorities. Also, the list will have to be updated from time to time.

cc: C. H. Burns
F. J. Dery
A. J. Morales
D. L. Peyton

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Standards required for more complete coverage in the
Occupational Safety and Health Area

1. Safety standard for powered platform scaffolds for temporary use
2. Safety standard for job-made ladders
3. Safety standard for vehicle dock boards
4. Safety standard for decks of floating equipment
5. Safety standard for powered loading docks (stationary and vehicle-mounted)
6. Safety standard for owner/user operation of vehicle-mounted platforms
7. Extension of scope of powered-platform standard to include rope climbing hoists
8. Improved safety standard for manlifts to control hazards and discourage use by untrained employees
9. Standards for local exhaust systems
10. Standards for general ventilating systems
11. Safety standard for lasers
12. Standards defining permissible heat stress
13. Safety standard for infra-noise vibrations
14. Safety standard for ultra-sonic vibrations
15. Safety standard for exposure to carcinogenic materials
16. Review of standards covering permissible concentration of hazardous materials on the basis of primary chemical reactivity
17. Safety standards covering the handling and use of toxic materials not now available:
 - 17.1 asbestos
 - 17.2 oxidizing agents
 - 17.3 plastics
18. Safety standards for the prevention of dust explosions, to include substances not covered in current standards
19. Performance standard for ear protective devices
20. Performance standard for eye protection against coherent (laser) radiation

21. Performance standard for eye and body protection against microwaves
22. Performance standard for clothing resistant to heat
23. Performance standard for clothing resistant to chemicals
24. Revision of standards for illumination to include mandatory provisions as applicable
25. Review of standards covering color coding of piping and process machinery to include warning of potentially hazardous contents
26. Standards for pre-employment and pre-placement medical examination
27. Standard for medical supervision and control of industrial operations
28. Performance standards for medical personnel and facilities in industry
29. Safety standards for compressed air machinery
30. Safety standards for pneumatic tools, machinery, power and control systems
31. Safety standard for pneumatic hoses
32. Safety standards for materials handling equipment, e.g. overhead guards for fork lifts
33. Performance standards for guards for production machinery:
 - 33.1 metal cutting saws
 - 33.2 hydraulic power presses
 - 33.3 sheet metal cutting, rolling and forming machinery
 - 33.4 food processing machinery
 - 33.5 other production machinery
 - 33.6 portable powered tools
 - 33.7 non-powered hand tools
34. Safety standards for cutting, welding and brazing:
 - 34.1 atomic-hydrogen arc welding
 - 34.2 metallic arc welding
 - 34.3 tracing equipment for flame cutting
35. Safety standards required to cover novel processes, tools and machinery, for example electron-beam welding. (This would be a continuing effort).

Standards required under the Department of Labor
"worst first" policy

36. Safety standard for installation and repair of roofing and siding
37. Safety standard for the installation of sheet metal in buildings
38. Safety standard for meat packing and processing plants
39. Safety standard for the manufacture of wooden containers and barrels
40. Safety standard for plants preserving and shaping wood products
41. Miscellaneous safety standards for saw mills and planing mills
42. Safety standard for the tanning and finishing of hides
43. Safety standards for the manufacture of structural clay products:
 - 43.1 brick
 - 43.2 structural clay tile
 - 43.3 ceramic slate and floor tile
 - 43.4 clay refractories
44. Safety standard for the manufacture of concrete building blocks and bricks
45. Safety standard for the manufacture of cut stone products
46. Safety standard for secondary smelting and refining of non-ferrous metals
47. Safety standard for the manufacture of trailer coaches
48. Safety standards for warehousing
 - 48.1 farm and product warehousing and storage
 - 48.2 refrigerated warehousing
 - 48.3 warehousing of household goods

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