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Excellence through Quality

To:

DIRECT REPORTS

*Copy of
information provided
to Belda.*

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3-29-94



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Pittsburgh, PA 15219

PLAINTIFF'S
EXHIBIT
AL-1699

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CORPORATE HEALTH SERVICES

Industrial
Hygiene

Occupational
Medicine

Ergonomics

Environmental
Health Lab

Employee
Assistance
Program

PRODUCTS/SERVICES	
I.	Legislative/Regulatory Compliance (Plant Processes/Commercial)
	1. Identification of Issues 2. Interpretation of Regulations 3. Chemical Sampling and Analysis 4. Training 5. Monitor (audit or oversight) 6. Networking
II.	Broad Consultation/Support
	1. Assist Plants to Comply With Company/Regulatory Standards a. Resources b. Data Interpretation c. Data Analyses d. Program Content e. Technical Consultation f. Issue Management g. Training 2. Technology Transfer 3. Acquisitions/Divestiture 4. Data Management 5. New Technology/Emerging Issues
III.	Health Audits
IV.	Development of Standards/Best Practice/Guidance for Compliance
V.	Health Product Safety Compliance
	• FDA • MSDS/Product Labels • Toxics in Packaging (Coneg) • Proposition 65
VI.	Aluminum/Health
	• Communications (Health Clearinghouse Documents) • Issue Tracking and Prioritization • Research • Industry Association Interface
VII.	Epidemiology
	• Issue Tracking and Prioritization • Research • Disease Cluster Analysis

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CORPORATE HEALTH SERVICES

HIGHLIGHTS

ISSUES	COMMENTS
- Health and Safety Audits: - poor to fair findings in 10 key areas (Attachment A) - not all plants audited (14 out of 50)	- audit protocols/process being revisited 15 audits planned for 1994
- Health Product Safety Concerns - few formal audits - non-U.S. issues	FDA audits to be conducted this year
- Proposed Minimum Standards for Occupational Health - no formal audits - variable levels of compliance (company/regulatory issues) - implementation issues - liability issues (.e.g, noise)	Health Issues Task Force
- Legislative/Regulatory Issues - no formal process for addressing compliance - exception TSCA	proposed legislative/regulatory process
- Epidemiology Concerns - Kidney Cancer Study - smelter issues	completion of Kidney Cancer Study
- High Incidence of Sprains/Strains, Disabling Injuries 40-50% most plants	ergonomic initiatives
No Formal Process for Total Disability Management	developing process
Concerns About Potential Adverse Health Effects Related to Aluminum	- health clearinghouse documents - Aluminum Association efforts
Data Management, Development, and Integration	reengineering via PeopleView process

Attachment A

SAFETY & INDUSTRIAL HYGIENE AUDIT FINDINGS 1990 / 1993 — Select Summary Statistics on 53 Audits —

Rank: 1 = Strongest 58 = Weakest	Criterion	# of Excellents	Grade Point Average
16	Feedback on sampling results	4	2.43
20	Access to sampling equipment	7	2.37
28	Health hazard controls	1	2.26
33	Radiation safety	1	2.22
36	Asbestos management	1	2.20
39	Hearing conservation	1	2.15
43	Medical protocols utilization	3	2.14
46	Exposure assessment	2	2.12
49	Hazardous materials control	0	1.98
56	Respiratory protection	0	1.65

Grade point average value where

Poor = 1

Fair = 2

Good = 3

Excellent = 4

CORPORATE HEALTH SERVICES

1. A. BUSINESS UNITS USE OF OUR GROUP'S EXPERTISE

	Industrial Hygiene	Occupational Medicine	Ergonomics	Environmental Health Lab	Employee Assistance Program
Aerospace	M	M	H	M	H
ANL	L	M	L	VL	VL
Extrusion/Tube	M	M→H	M	L→M	M
Foil	H	M	H	M	M
Forged Products	M	M	L	M	H
Closures	M→H	M	H	L	L
Packaging Machinery	M	H	L→M	L→M	L
RPD	M→H	M→H	L	H	M
Primary Metals	H	H	H	H	M
W/R/B	M	M	L→M	M	H

VL = Very Low, L= Low, M = Medium, H = High

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CORPORATE HEALTH SERVICES

COMMON SERVICES

INDUSTRIAL HYGIENE/OCCUPATIONAL MEDICINE

I. Legislative/Regulatory Compliance

- Identification of Issues/Interpretation of Regulations
 - Legislative/Regulatory Process Development
 - Clean Air Act
 - Lead Standard
 - Noise Standard
 - OSHA Reform
 - OSHA Chromium
 - TSCA (Toxic Substances Control Act)
 - European Economic Community Directives
 - Oil Mist Standard
 - Fibers (EPA)
 - Asbestos - EPA
 - Hazardous Communication
 - FDA Regulations
 - Toxics in Packaging
 - Risk Assessment
 - Drug/Alcohol Testing
 - Family Medical Leave Act
 - Americans With Disabilities Act
 - Community Right-to-Know
 - Bloodborne Pathogens
- Training
 - TSCA (Toxic Substances Control Act)
 - Lead
 - Polychlorinated Biphenyls
 - Noise
 - Hazard Communication
- Networking
 - Legislative/Regulatory Tracking Systems (ALIS)

CORPORATE HEALTH SERVICES

COMMON SERVICES	
INDUSTRIAL HYGIENE/OCCUPATIONAL MEDICINE	
II.	Broad Consultation/Support • Assist With Company/Regulatory Compliance • Medical Surveillance • Assessment of and Management of Individuals With Disabilities • Expatriate Medical Issues • Medical Treatment • Training • Health Standards (Implementation) • Exposure Assessment • Technology Transfer • Fibers • Data Management • Exposure Assessment • Noise Management • PeopleView • Support Health Standards Implementation • Hazardous Materials Management • FDA • Emerging Issues • Scrap and Radioactivity
III.	Health Audits
IV.	Development of Standards/Best Practice/Guidance for Compliance • International Health Standards • New • Existing: • Lead • RCF • Asbestos Management • Engineering Standards (e.g., Laser, Asbestos, Radioactivity) • Noise, etc.
V.	Health Product Safety Compliance • MSDS/Product Labeling for all Commercial Products/Internal Waste Products • Toxics in Packaging (e.g., Metal Alloy Composition)

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CORPORATE HEALTH SERVICES

COMMON SERVICES	
INDUSTRIAL HYGIENE/OCCUPATIONAL MEDICINE	
VI.	Aluminum/Health • Clearinghouse Documents (Alzheimer's Disease, Potroom Asthma, PCBs, Alumina) • Issue Tracking and Prioritization (Alzheimer's, Potroom Palsy, Cognitive Function) • Research (Metabolic Pathways) • Industry Association Interface (Aluminum Association, IPAD)
VII.	Epidemiology • Issue Tracking and Prioritization (Cancer, Other Disease Studies) • Research • Kidney Cancer • ? Tripartite • Toxic Substances Control Act Reviews of Disease Clusters

COMMON SERVICES	
ENVIRONMENTAL HEALTH LABORATORY	
I.	Legislative/Regulatory Compliance • Identification of Issues/Interpretation of Regulations • Sampling • Analytical Methodologies • Oil Mist • Chrome • Refractory Ceramic Fibers • Sulfuric Acid Mist
II.	Broad Consultation/Support • Assist With Compliance • Sampling and Analysis • Data Management • Laboratory Information Management System
IV.	Development of Standards/Best Practice/Guidance for Compliance • Plant Sampling Methodologies Manual
V.	Health Product Safety Compliance • Provide Information/Data for Material Safety Data Sheets/U.S. Department of Transportation Product Analysis • Welding Fume Studies • Silica - Development of Sampling Methodology

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CORPORATE HEALTH SERVICES

COMMON SERVICES	
EMPLOYEE ASSISTANCE PROGRAM	
I.	Legislative/Regulatory Compliance • Identification of Issues/Interpretation of Regulations • EAP Legislative Initiatives
II.	Broad Consultation/Support • Assist Plants With Compliance • Managed Care Areas • Technical Assistance (EAP Start-Ups, Reviews, Training)
III.	Health Audits • Most Domestic Locations
IV.	Development of Standards/Best Practice/Guidance for Compliance • EAP Standards

COMMON SERVICES	
ERGONOMICS	
I.	Legislative/Regulatory Compliance • Identification of Issues/Interpretation of Regulations • OSHA Ergonomics Standard
II.	Broad Consultation/Support • Manager Awareness • Ergonomic Team Training • Engineering Training • Technical Consultation • Needs Assessments
IV.	Development of Standards/Best Practice/Guidance for Compliance • Ergonomic Planning and Implementation Guide • Engineering Design Guidelines • VDT Training

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CORPORATE HEALTH SERVICES

1. B. • IMPEDIMENTS

- Awareness/Knowledge of Health Issues

2. A. • INTENSITY OF INFORMATION EXCHANGE

- generally high all levels (more variability with Employee Assistance Program/Ergonomics/Environmental Health Lab)
- technical bulletins
- standards
- plant visits
- regulatory interpretation
- training
- Health Issues Task Force
- audits
- health and safety conference
- managed care (EAP)
- health clearinghouse documents
- periodic customer needs assessments

B. • OPPORTUNITIES FOR IMPROVEMENT

- wider access of audit findings
- management awareness of issues
- training
- enhanced networking opportunities

CORPORATE HEALTH SERVICES

3. A. SUCCESSFUL BUSINESS UNIT/GROUP EXPERIENCES

- Health Issues Task Force
- PCB Team
- Refractory Ceramic Team
- Safety/Health Audit Process
- TSCA Lead Team
- Hazardous Materials Control Committee/MSDS/Product Labeling
- Packaging/Coneg (U.S. and Europe)
- EAP Start-ups/Reviews/Training

B. IMPROVEMENT OPPORTUNITIES

- PeopleView
- Legislative/Regulatory Compliance
- EHS Assessments; Acquisitions/Divestitures
- Disability Management
- Cost Effective Implementation of Health Standards
- Risk Assessment Management
- Epidemiology

4. BENCHMARK

- Health Standards
- Hygienius
- TSCA Compliance Process
- EAP Standards
- EHL Lab

5. OTHER ISSUES

- No NFIs for Health
- Limited Distribution of Audit Results
- Inadequate Vertical and Horizontal Integration
- Business Unit Accountability for Health Issues

CORPORATE HEALTH SERVICES

AEROSPACE	
Use of Our Expertise:	
Norpar Toxicity	
Benchmark:	
"Excellent" Audit on "Access to IH Sampling Equipment" and "Exposure Assessment"	

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CORPORATE HEALTH SERVICES

ANL
Use of Our Expertise: Kofem Acquisition

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CORPORATE HEALTH SERVICES

EXTRUSION/TUBE

Benchmark:

Lafayette: First to Screen Scrap for Radioactivity

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CORPORATE HEALTH SERVICES

FOIL
Use of Our Expertise: Highly Active Health-Product-Safety Lab Analysis of Stack Emissions for Compliance With State Regulations (Lebanon) Compensable Hearing Loss
Benchmark: Reduced Overexertion Injuries Due to Successful Ergonomics (Davenport)

CORPORATE HEALTH SERVICES

FORGED PRODUCTS

Use of Our Expertise:

Developed Lab Methods for Analysis of Lube Emissions From Presses

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CORPORATE HEALTH SERVICES

CLOSURES	
Use of Our Expertise:	
Highly Active Health Product Safety	
Use of Teams:	
Noise Control Engineering Team	

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CORPORATE HEALTH SERVICES

PACKAGING MACHINERY	
Use of Our Expertise:	FDA Compliance Issues
Benchmark:	"Excellent" Audit on "Hearing Conservation"

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CORPORATE HEALTH SERVICES

RPD
Use of Our Expertise: - Highly Active Health Product Safety - Clean Air Act - Chlorinated Hydrocarbon Issues - Trace Metals in Packaging Issues - Implementing Programs on Scrap and Radioactivity
Benchmark: Excellent Use of Quality Teams to Resolve Health Issues (e.g., Trace Metals and Clean Air)

CORPORATE HEALTH SERVICES

PRIMARY METALS
Use of Our Expertise: - Management of EMF Issues - Support of Sampling Methods Unique to Smelting (i.e. SO₂ + HF) - Compliance With EPA Clean Air Act (e.g., Risk Assessments, etc.) - Smelter Health Issues (e.g. Potroom Asthma) - Various Respirator Issues
Benchmark: "Excellent" Audit on "Feedback on IH sampling results", "access to IH sampling equipment"

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CORPORATE HEALTH SERVICES

W/R/B
Use of Our Expertise: PCB Issue
Benchmark: "Excellent" Audit on "Exposure Assessment", "Access to IH Sampling Equipment"

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