

CONFIDENTIAL

P. A. PARTINGTON

D. B. Woodbury/740

May 4, 1973

Asbestos Medical
Examination Require-
ments Under OSHA.

Your memo of April 27, 1973 to D. Adams has been referred to me for action.

OSHA requires that employees within 30 days following exposure to airborne concentration of asbestos fibers undergo a comprehensive medical examination which must include as a minimum certain specified tests. On or before January 31, 1973 and at least annually thereafter, every employer must provide examination to each of his employees engaged in occupations exposed to airborne concentrations of asbestos fibers. Furthermore, terminated employees must be provided with medical examinations within 30 days of termination. Records of such examinations must be kept for 20 years. Such records must be available for inspection and copying by OSHA, NIOSH, the employee or the employee's physician upon request.

In light of our efforts to eliminate asbestos from our manufacturing process, what are your recommendations relative to implementation of this program in Foseco plants.

DDW:as

cc: D. Adams
A. Sutter

*Followed by reminder
me of interview 5-4-73
JSD*

FOS-00-0000003198

Non-Asbestos Production Test
Tuesday, 5/8/73

May 9, 1973
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Individual Remarks:

- AS 1. Settling of solids is unexplained by any laboratory evidence. Lab samples sat from Thursday to Tuesday with no densification of suspended solids.
- JCM 1. Problems encountered not totally due to slurry since we had problems with P-31 when trying to start up.
2. Should not have made recipe changes so quickly during early stage of test before equipment was proved out.
- WH 1. Slurry system responsible for forming difficulties.
(a) Fines still passing through screen plugging tool.
(b) Every non-asbestos run shows hours of down time trying to go back to P-31.
(c) 7 hours of running P-31 unplugged the cooling.
- GHF 1. There must be a significant difference in the behaviour of these slurries in a K-4 delivery system versus a lab Ertel apparatus or Mark III machine. The violent aeration and agitation experienced during form and blowback needs to be duplicated on a laboratory scale. I feel that this is necessary in order to reconcile our inability to transfer lab recipes to production equipment with any degree of reproducibility.

Recommended Action to be Taken:

- AS - EA 1. A recipe of 5273B (15% solids) replacing pearlite with diatomite
& JCM should be tested at the next opportunity.
- RTC 2. K-4 upper and lower tools need to be removed and examined by RTC and steam cleaned if necessary before next experimental run.

GHF:mlr:193

Distribution:

P. A. Partington, H. D. Shephard, E. Auzenberg, W. C. Fletcher,
G. Fenton, A. Santighian/R. Dzurilla/D. Butler, R. B. Orndorff,
R. T. Callahan, W. Heccevar, J. C. Mohr

A T L A N T I C R E G I O N

1. ALAN WOOD - Std. BED quoted - product works but have trouble holding boards in.
We would have best chance with nails. Political problems continue.
2. ATLANTIC STEEL - Need new H.T. development. Tried Kalminex. Results show
heavier segregation than consolidated. Another political atmosphere.
Such a small account that we really can't afford the larger expenses.
3. BETH-BETH. - Ferrux 290 - stock T/L in Watt Whse.
Ferrux 290 - expensive / decision with W.C.Sutherland.
 - a. Seal-On for 30" round designed - waiting for word from K.R.K.
 - b. B.E.D. business - continue at current rate.
 - c. B.E.U. forging ingot moldable Feedex. G. F. to check.
 - d. Jack Trumbore to get book of all prices at all mills - F.A.H.
4. BETH-SP.PT.- Std. H.T. is Universal/Foseco has 15 castings in service. Quoted
B.E.D. business = have heard nothing from the field.
5. LUKENS - Follow up on hot top business - B.M., K.R.K., H.D.S.
ESR design status.
6. C.F.&I./ROEELING - Need Kalminex system. Development to work with sales.
G.F. to follow. Potential business is feasible. Should work on
this one. One piece Kalminex out of question because of price.
Must review with sales best hot topping system to pursue - H.D.S.
K.R.K., N.D.W.
7. BETH-STEELTON - Continue as in past.
8. U.S.S.-FAIRFIELD - Seal-On progressing - B.E.D. business good - gained Ferrux
business. Stock maintained.
9. U.S.S.-FAIRLESS - Working on asbestos free this week - brds only - as soon as
Mark IV will continue with 699 ring.

Inclusion problem - check cleanliness of mold.

1. Try to center hot tops
2. Do we need Service Man in account until problem solved.
N.D.W., H.D.S., E. McC.

Check to see if rolling mill cutting too high.

E A S T E R N R E G I O N

1. ARMCO-BUTLER - B.E.D. business down for month of May.
 - a. Follow up on Seal-On problem. G.F., N.D.W., check into smoke problem with Ferrux 107.
2. ARMCO-ASHLAND - heat sealed bags are breaking at the seal.

New hold-tite hardware on slab size needs watching. Levicki to be in charge of watching closely.
If we are to supply hardware on slab sizes then we should get the slab size hot top business.
3. B & W Where do we stand on this account?
4. BETH-JOHNSTOWN Colored bags are used. Frx 345 - light green - Frx 107 - plain

Production Premix at Mt. Braddock. - All Cleveland inventory gone.

Bob Lint wants to see Mt. Braddock quotation - Approval must be received from R. C. Phoenix.

Johnstown slagging with 1-Pc inserted hot top with some "g" section.
Do not want to go Seal-On.
G.F. to re-design the mold.
5. BETH-LACK Order received for two castings - 33-1/8" sq.

Ring must be made on 47 in Chicago.
Brds in Cleve. - Mark III.
Will attempt to try Kalminex on B.E.D. Can be made on SAM in Mt. Braddock.
G.F. to follow.
37X48 Seal-On by PMP.
Tested our 3S6 rings and was successful.
Will try to get board business.
6. EDGEWATER Business continues to be good. Breakage must be looked into again.
Dick Callahan
7. INCO-BURNAUGH tried to use Kalminex on.

Inco-Huntington Special grades at Burnaugh - problems.

Monty Willis would like Jim Moore to give Ferrux presentation.
8. J&L-PITTS. Reduced Frx. selling price to \$.079. (Comment from D.J.D., 'We will probably lose the B.E.D. business because Fonderite is in testing.')

Business is still down. Would like report from field on % of business we are currently getting. How much should be stock? Universal approved on 470 ring. Are we still 100% supplier on B.E.D.?

9. J & L-ALQUIPPA 27"X34" casting order for 12 only.

At standstill
What is the real status at this account?
452 Seal-On status.

10. REP-BUFFALO What about Rep-Buffalo?
11. U.S.S.-EDGAR THOMSON NO PROBLEMS
12. U.S.S.-DUQUESNE Still need order on Seal-On.
13. U.S.S.-HOMESTEAD Ferrux business. Why did we lose the business?
14. WHEELING Orders up - 100% on Ferrux - NO MAJOR PROBLEMS
15. ALLEGHENY-LUDLUM Where are the orders.

CENTRAL REGION

1. APMCO-MIDDLETOWN - Colored corners are being used.

Will begin testing on asbestos on production basis next week. Will need close follow-up and accurate reporting. Used pallet system set up.

2. CONTINENTAL Production of hot topped steel down. Expansion ring all set up.
3. COPPERWELD Asbestos free problem still exists on K-4 machine. Some inclusion problems encountered - could be cutting too high in head. Harrow Bond discontinued.

27" sq. - testing -tooling problems - Check on status.

4. EMPIRE-MANSFIELD Nothing - Check inventory and try to get rid of. Check into feasibility of Kalminex.
5. EMP/PORTSMOUTH No problems - new O.H. Supt. (Earl Bare) formerly of Alan called Fonderite in for testing.
6. FORD MOTOR Still trying to obtain 50% of business. Salesmen to keep customer service informed on releases.
7. GREAT LAKES Still waiting to hear on topping compound results. Have inquired about asbestos free boards. Some AF material was sent up but we received no feedback.

8. INTERLAKE/NEWPORT No tooling really requested. Must have order before we will buy any tooling.
9. J & L-CLEVE Order pattern regular
10. J&L-WARREN- Frx moving along. Still waiting work on slotted mold. (Trying to get some inside dimensions as Copperweld.)
11. REP-CANTON Small wiper strips causing mill problems -- increased seal leaks.
12. REP-Cleveland--Waiting for etch results. Have to prepare a proposal on B.E.U. with conveyor system.
13. REP-WARREN Have to get an asbestos free Proflex other than the Headman fibre. Test scheduled for next week. Still need to discuss whether feasible to go to Profax using Templates.
14. SHARON STEEL Should start looking into racks for #454 one piece tops. Orders are picking up. B.E.D. business - we should start looking into a Kalminex proposal. Fonderite currently supplying.
15. TIMKEN Started talks on slotted mold.
16. U.S.S.-LORAIN No problems
17. U.S.S.-OHIO WKS - Need quotes on 4-Pc designs.
18. Y.S.&T.-CAMPBELL & BRIAR HILL INITIATE A CALL.

W E S T E R N R E G I O N

1. ARMCO-KANSAS CITY C/L shipped on time.

Old material shipped since we could not manufacture enough new material for C/L. Holbrook to follow through on this C/L.
2. C.F.&I. T/L tops shipped • Kyle Koepf to follow usage with McCormack.
3. A. FINKL Nothing new.
4. INLAND Waiting on Frx test XS-1518 and Frx 707. Seal-On program moving. Ficken asking for asbestos free boards in B.E.D. (Proflex problem).
5. INTERLAKE/RIVERDALE Sample of 506's going asbestos free this week. Possibly tops are too thin.
6. KAISER - Business is up. Need new permanent tool on 636 - talk to Powless. 722 casting sent to Chicago for check fitting.

7. LACLEDE Why are we not getting more business? H.D. Shephard to call Bob Owens (Pit. Mgr) if we do not get result from Purchasing.
8. PACIFIC Nothing.
9. REP-CHICAGO Need release on 20 538 castings - Gregory to advise.
25X27 have 15 castings at Grand Rapids - All paperwork has been straightlined out on the 453's.

538's with double wiper strips. Need information.
Need added costs of double wiper strip to pass onto customer.
10. U.S.S.-PROVO Seal-On started up - to replace #391.
11. U.S.S.-Gary - Need completed costing on B.E.D. for presentation. Deal w/B.E.D. before B.E.U.
12. U.S.S.-SO.WORKS Work on getting rid of too hard rings. Someone to check and see if we could ship in the 370 sets.
13. U.S.S.-E. CHICAGO - Need asbestos free 30" square - Check with J. D. Schmidt to see if he wrote a letter on asbestos free.

10.25 FOSECO
6.03
4.25

10.28 Universal
14. BETH-B.H. Frx business - 3 T/L month.
15. ARMCO-HOUSTON - Should get Profax and Frx order.
16. CAMERON Kalminex and Profax tops --- FOLLOW TESTS.

FAH/ccl