

April 27, 1973

Page 3

PLAINTIFF'S
EXHIBIT
FOS-405QUALITY CONTROL - W. C. Fletcher

Scrap - Cleveland: In the Foundry area, Kalminex has remained just over 1% during the month of April. Serious burning problems were experienced with Kalmin and corrections have been made to the oven.

Moldcote continues to be a disappointing area, in that it is difficult to exercise effective quality control. This is being discussed with Mr. Lecien.

Similar problems in the Flux area are being experienced with contamination.

Profax has remained higher than the 3% standard. Problems are partially due to the unreliable condition of the oven.

One-piece has remained over 1%. Three-shift production would not be good in this area. Discussion was held relative to making one-piece tops at Mt. Braddock.

The Mark IV continues to run well as long as Profax rings are not being made.

Scrap - Chicago: Levels are about the same as Cleveland, except in the multi-piece, where it is too high. Hanging dryer rods are a problem.

Foundry products have passed specification tests.

Quality control has been tightened on the rings in the areas of tooling, cleaning and operation.

A young technician has been hired for quality control.

Mt. Braddock: Kalminex has proven to be a problem because of the quality. Scrap will cost.

Profax products are generally good, although there are variations in quality, which is an indication of oven problems. Mr. Frazee would like to see more oven capacity and Mr. Partington will follow up with Mr. Braddock.

Three batches of Koron were made today. This is the first Koron production this month.

Because Don Lowery is not expected to be back to work for three to four weeks, Dr. Phoenix suggested another man be hired.

Chrysler Trials: In the Foundry Division, slabs are very good and are out for tests now.

In Steel Mill products there have been no complaints for the entire month. There is much green scrap.

Dr. Phoenix again suggested utilization of paper in the foundry area. Mr. Partington stated he will be glad to make some trials with paper. Dr. Phoenix suggested using 345.

April 27, 1973

Page 4

There has been no success with the non-asbestos recipe in ring production, although some successful tops have been made.

K-4: Mr. Fletcher visited Copperweld and positively identified what is causing the elephant ears. Serious problems are caused by settling out of the slurry and fines getting through the screens. Mr. Partington to discuss this with Mr. Santighian.

Mr. Fletcher feels tooling changes might be indicated.

Lab tests are being conducted with coarse silica.

According to Mr. Fletcher, it will be necessary to get back into the routine system on the entire non-asbestos program. Resin content in water was discussed at some length.

Major Customer Complaints

Johnston: Some of the confusion seems to be out in the field, in that shelf life has become a factor. Dr. Phoenix suggested that marketing people be brought to the realization that there is a shelf life; and further, that perhaps the label could indicate "must be used before (date)".

Instab: There has been a complaint and this is being taken care of.

Ferraro: Log weights and sealings are a problem. Ashland has complained about the number sealing and this must be watched. Mr. Annabergs feels this situation has to be improved.

Harrington: Still experiencing breakage of cores. Dr. Phoenix said that they have been routed through Mr. Braduch and said that this problem has been solved. If they are shipped direct, this problem could be completely reduced. Mr. Harrington to follow up.

ENGINEERING MEETING - R. Porter

TECHNICAL DISCUSSION: Unit will be here in June. The other 3 units will be here by July 12. The 3rd unit will be done by July 12. At this point it is not certain when the 4th unit will be accomplished. The question is whether to use a 3rd die, as it was reported that a 3rd die was used. Mr. Jordan and Mr. Bryant will be on hand to discuss this. Mr. Porter will check to determine if a die that is used. This will be of course. The 4th unit will be done by July 12.

Mr. Porter will be on hand to discuss the 4th unit. He is confident of what is to be done. The 4th unit will be done by July 12. The 4th unit will be done by July 12. The 4th unit will be done by July 12.