



POSECO, INC.

INTER-COMPANY AND INTER-DEPARTMENTAL CORRESPONDENCE

TO: See Distribution

FROM: *G.H.F.* G. H. FitzGerald - Q/C - SMPD

DATE: August 8, 1973

SUBJECT: NON-ASBESTOS TEST 8/7/73

Activity: K-4, Modified EP 5273, 685E.

1. Start up at 8:45 a.m. using above recipe (30% solids content).
2. Unable to properly dewater pieces.
3. RTC states that this is a result of the new 4 cavity design. The tool is to be taken off Saturday and possible improvements will be investigated at that time.
4. Three stacks of parts were made before the test was concluded, however, the green water content was so high that excessive distortion was present. These will have to be 100% jig tested.
5. Excessive foaming was observed very early in the test. It was the observation of V. Mellows that the holding tank impeller is operating at too high a speed for this type material.

Conclusion:

The dewatering problems encountered due to tooling problems precluded an objective evaluation of the EP 5273 modified recipe.

Activity: "E" Machine, Modified EP 5273, 342E

1. Start up at 3:00 p.m. using above recipe (30% solids content).
2. Forming characteristics were quite acceptable for flat boards, however, there is insufficient green strength to manually reposition a large board as would be necessary for closely templated "wing boards".
3. Physical Characteristics:

Trans. Strength	=	~280 psi
Density	=	0.79 g/cm ³
L.O.I.	=	9.5%
4. Green Scrap was negligible (less than 1%).
5. Dry Scrap was 3.7%.