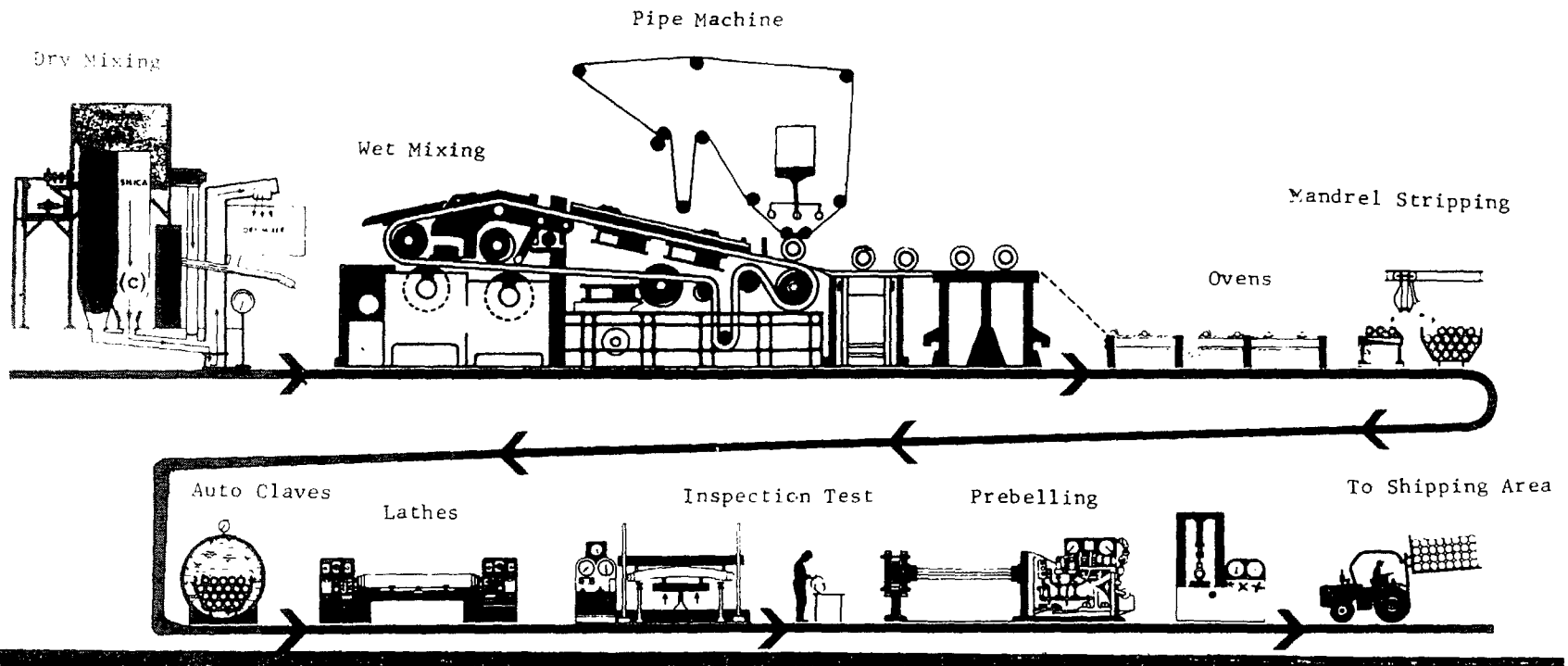
MANUFACTURING PROCESS OF A/C PIPE

Attached is a basic flow diagram demonstrating the manufacturing process of Asbestos Cement Pipe.

In the dry mixing stage, closely controlled amounts of asbestos fiber, cement and silica are blended. Water is then added to this mixture to form a slurry. This slurry is formed under pressure on a precision sized mandrel on the pipe machine to form the actual Asbestos Cement Pipes. The pipes, still formed on the mandrel, are sent through ovens for an initial cure. The mandrels are then removed leaving a smooth precise bore. The pipe is then sent to high pressure steam autoclaves where controlled temperature and moisture impact chemical stability and physical strength to the pipe. Fully automated lathes accurately machine pipe ends to meet national specifications. Various hydrostatic, flexure and compression tests are then performed to assure compliance with rigid requirements for burst, beam strength, and crush resistance. With the exception of Small Diameter Sewer (4" & 6") the pipe is then factory prebelled with one coupling and Fluid-Tite gasket. Pipe is then stored in a wide variety of sizes and classes available for immediate shipment.

PLAINTIFF'S EXHIBIT
CT-1242



MANUFACTURE OF —

ASBESTOS CEMENT PIPE

CTD000066

