

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

B183826618

FACILITY: ROBBINS INC		SRN / ID: B1838
LOCATION: 445 GREENWOOD ST, ISHPEMING		DISTRICT: Upper Peninsula
CITY: ISHPEMING		COUNTY: MARQUETTE
CONTACT: Frank Misale , Safety Coordinator		ACTIVITY DATE: 08/20/2014
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Unannounced inspection of wood waste management system, boiler and wood preservative dip tank.		
RESOLVED COMPLAINTS:		

Facility: Robbins Flooring, Ishpeming

Inspection Date: 8/20/2014

DEQ-AQD Staff: Joseph Scanlan

Compliance Status: In compliance

On 8/20/2014 I conducted an unannounced inspection of this facility. My contact at the facility was the mill Safety Coordinator, Frank Misale. Robbins Flooring mill manufactures high-quality hardwood flooring assemblies for sports arenas, from high school to professional NBA facilities and equivalent across the globe. The mill primarily uses maple but also oak in smaller number. Stock is rough cut planks sourced from area lumber mills. Mr. Misale stated that there had been no change in operations since the last inspection.

The plant has a dip tank, used only for maple, containing clear Woodlife F--a water repellent that provides anti-fungal protection as well. Mr. Misale stated that they had utilized 1167.372 gallons that month, which is about average for this time of year. The storage tank for the Woodlife has a capacity of 6000 gallons, however it usually holds a maximum of 2000.

The mill operates a pneumatic waste handling system for wood waste utilizing extensive ductwork throughout the facility, fed to a baghouse to collect the fines, while the remaining wood waste is conveyed to a cyclone on top of two storage silos via a closed loop conveying system. Large pieces of wood waste are separated out in the cyclone and ground in a hog for use as fuel in the boiler. The ductwork has a spark detection system which enables a fire suppression system. All 456 bags in the baghouse were changed in October of 2013. The system was in use and no visible emissions or fugitive dust were observed.

Once the storage silos have filled, waste is sent to two semi trailers via a two duct system. This system was not in operation at the time of my inspection. I noticed a pile of sawdust (~1 yd³) below the duct system where the ducts enter the trailers. I requested of Mr. Misale that he ensure the tightness of the seal where the duct enters the trailers prior to the next use, to which he agreed.

The facility has two Wickes wood-fired boilers which utilize a single stack. As in the past, this business no longer kiln dries lumber so only one boiler is currently used and is limited to providing steam heat for the offices and production areas/buildings. There are two larger, unheated outbuildings which are used primarily for cold storage of supply wood. The boiler was not in operation during my inspection due to the warmth of the season.

I did not observe any violations of the Air Pollution Control Rules or PTL #483-95 during my inspection.

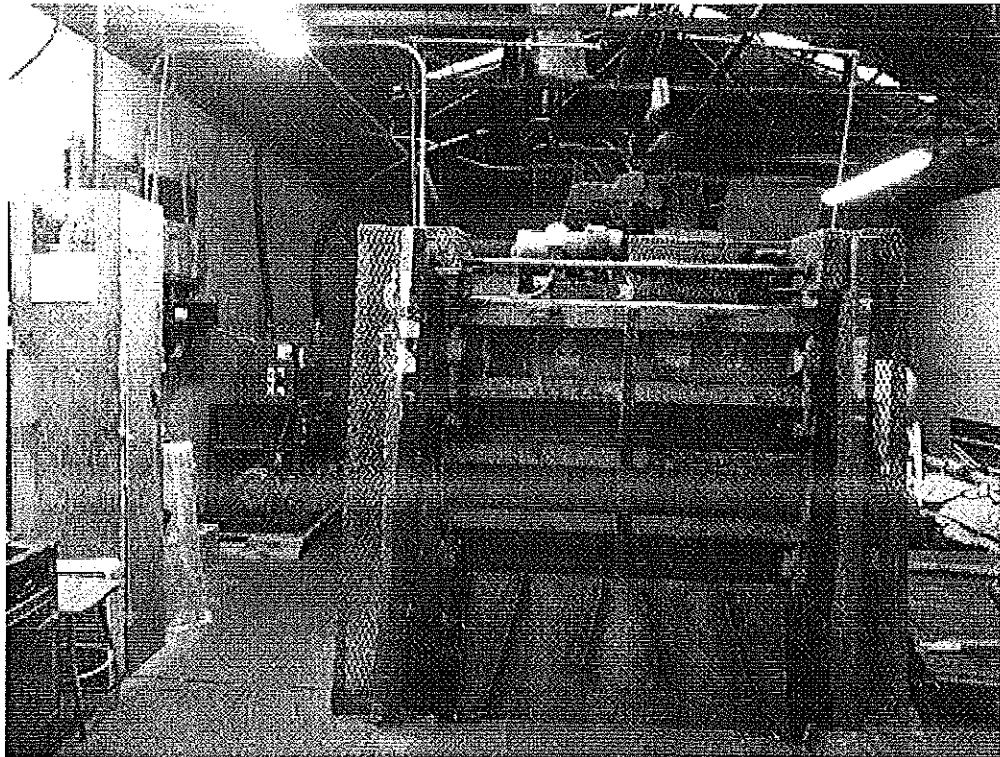


Image 1(8/20/2014) ; Dip tank with recycling pump and system visible on left side. 6000 gallon AST containing Woodlife F is on the other side of the wall (not visible) from the recycling system.

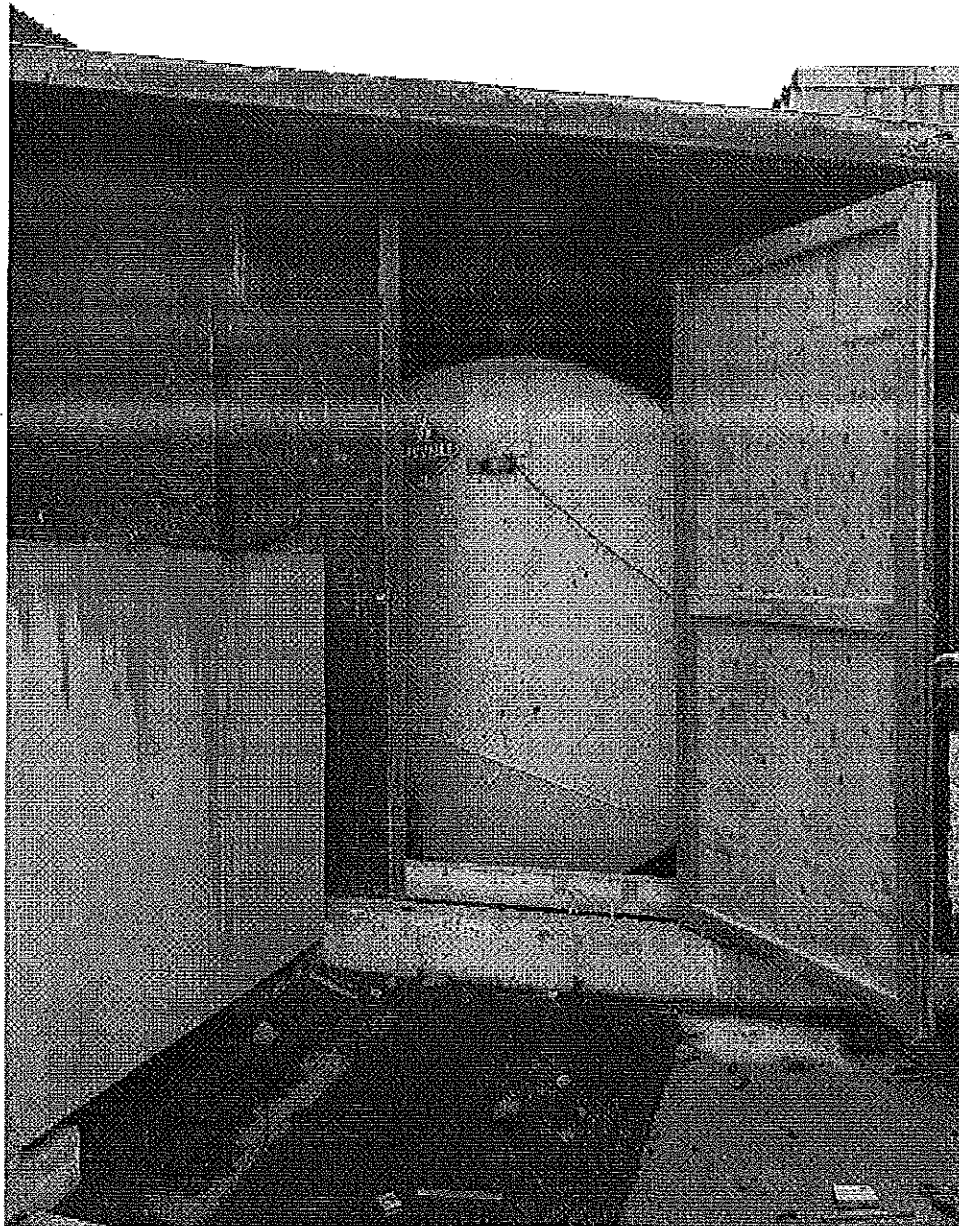


Image 2(8/20/2014) : 6000 gal. AST containing Woodlife F preservative.

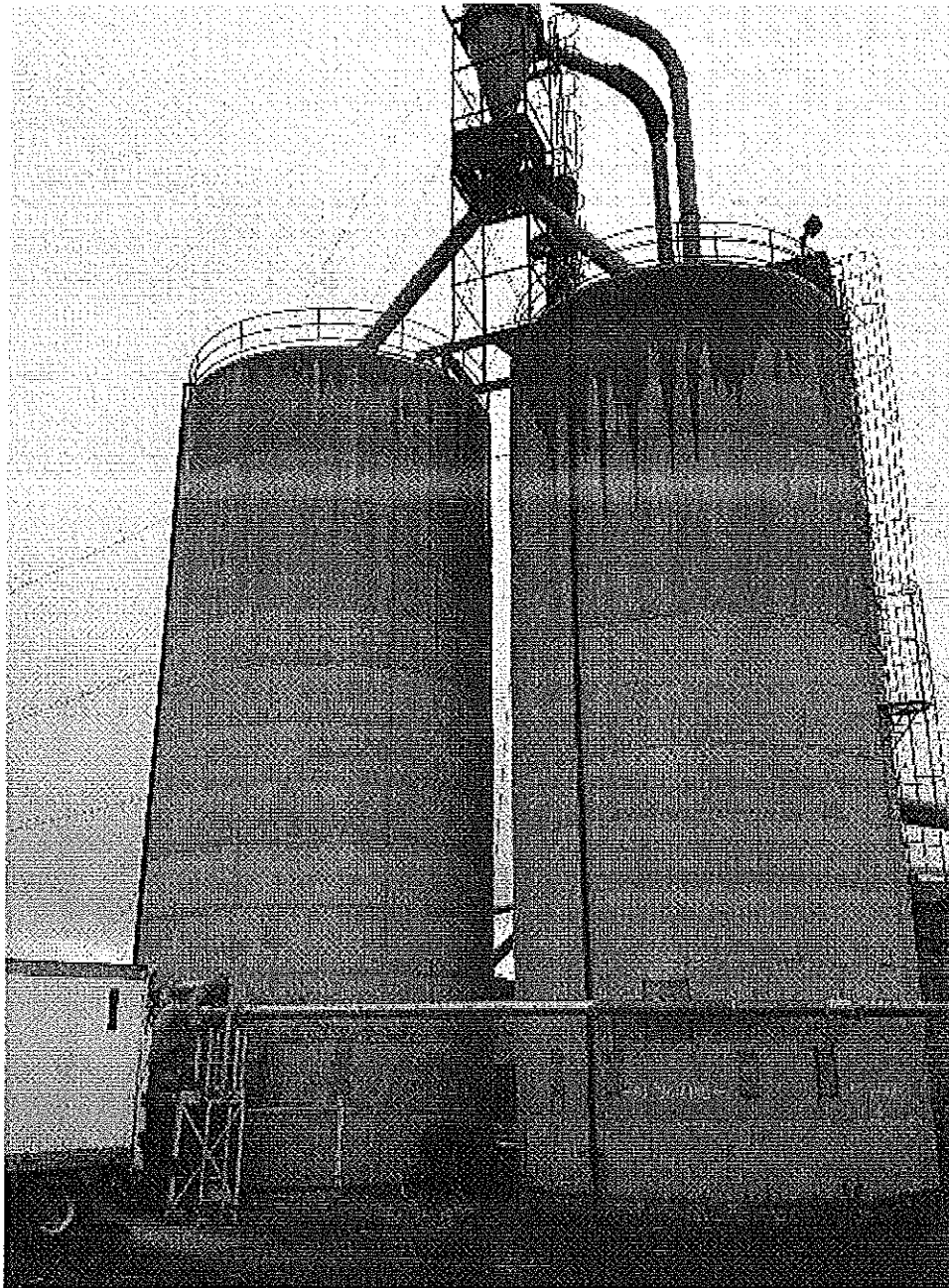


Image 3(8/20/2014) : Wood waste storage silos

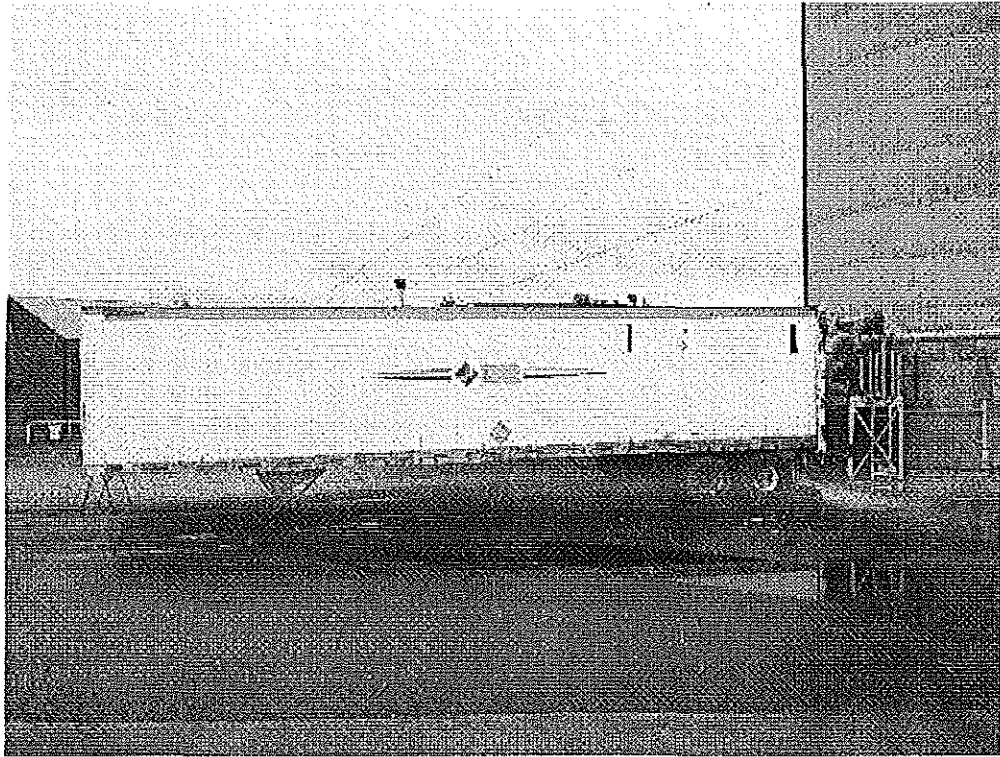


Image 4(8/20/2014) : Semi trailer collection system

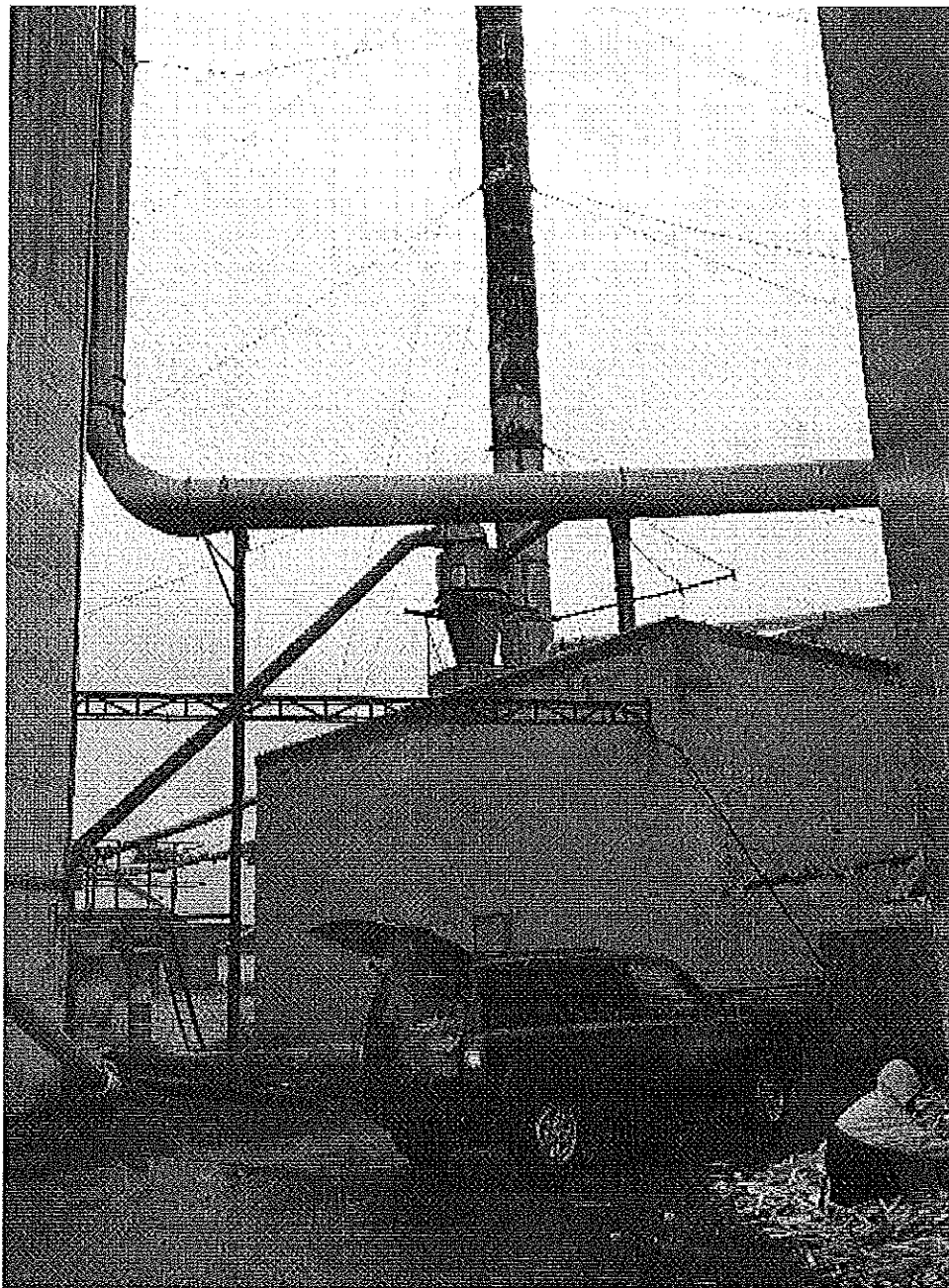


Image 5(8/20/2014) : Boiler building with cyclone visible on top.

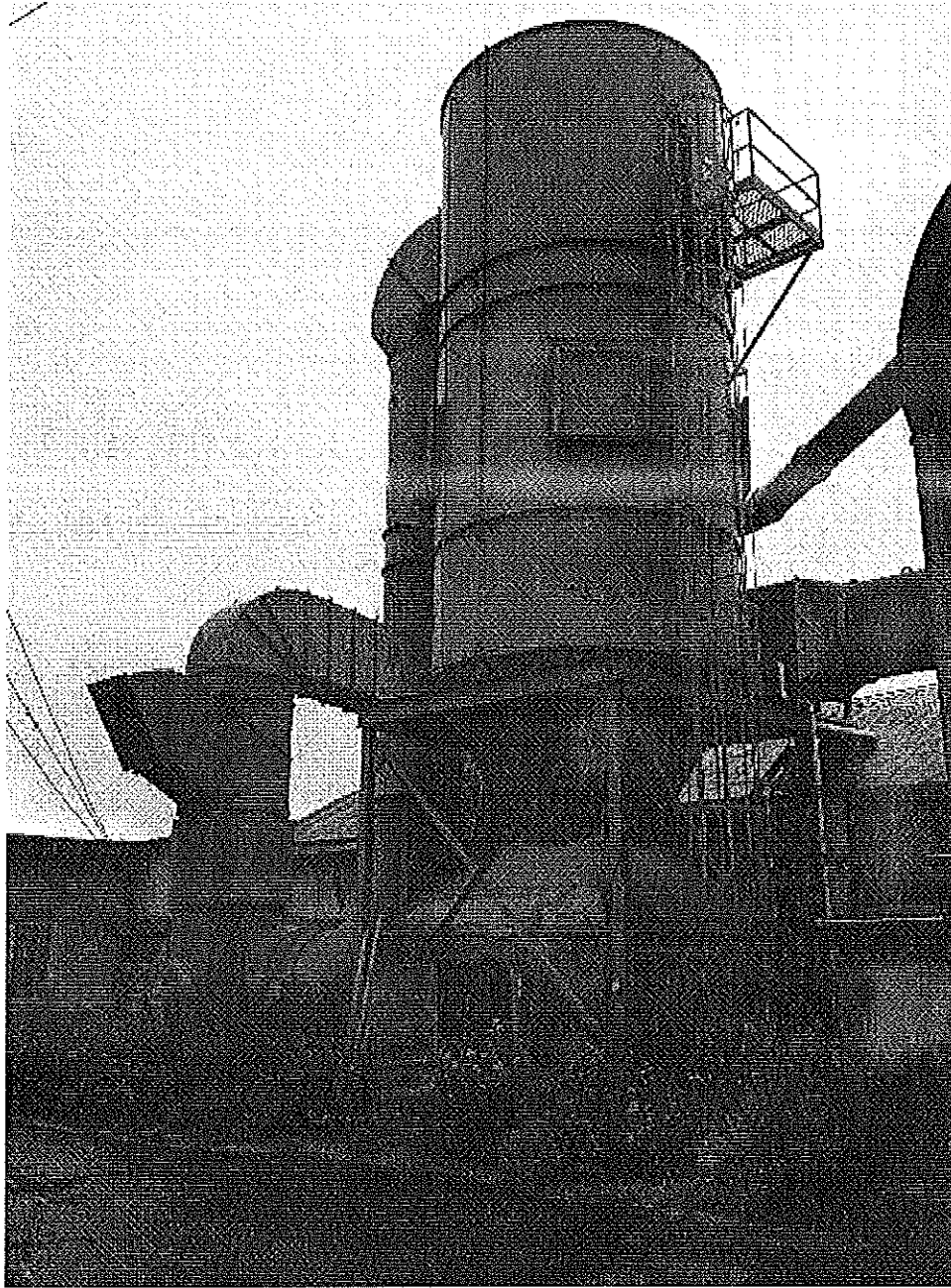


Image 6(8/20/2014) : Baghouse

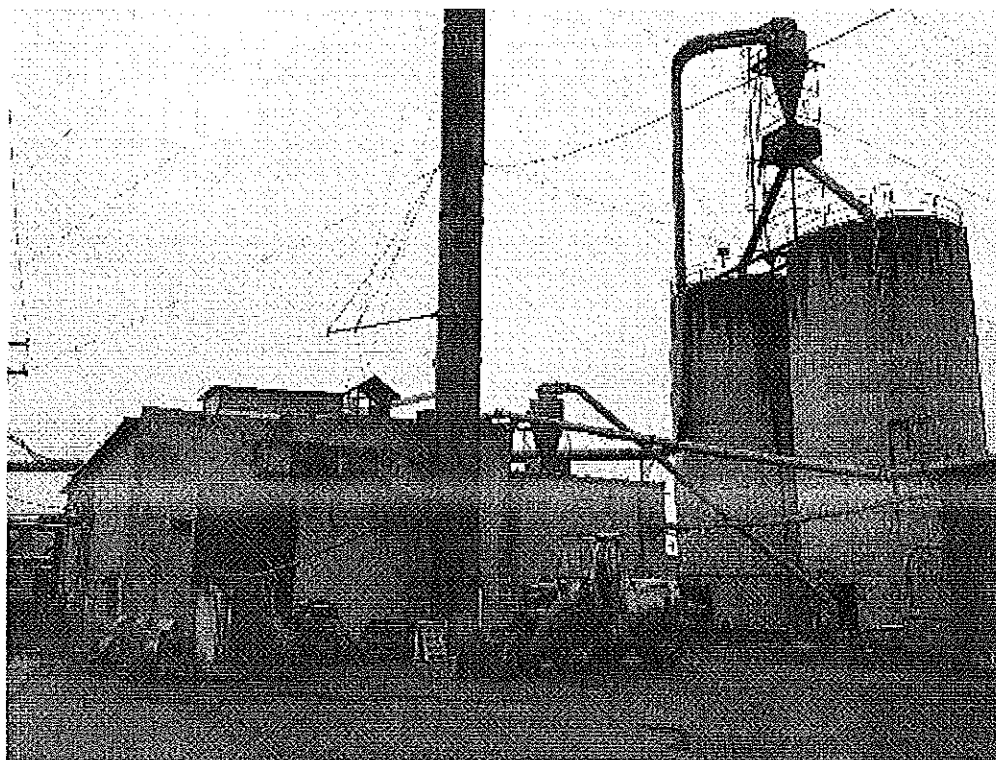


Image 7(8/20/2014) : Boiler building & stack with storage silos. Note cyclone on top of storage silos.

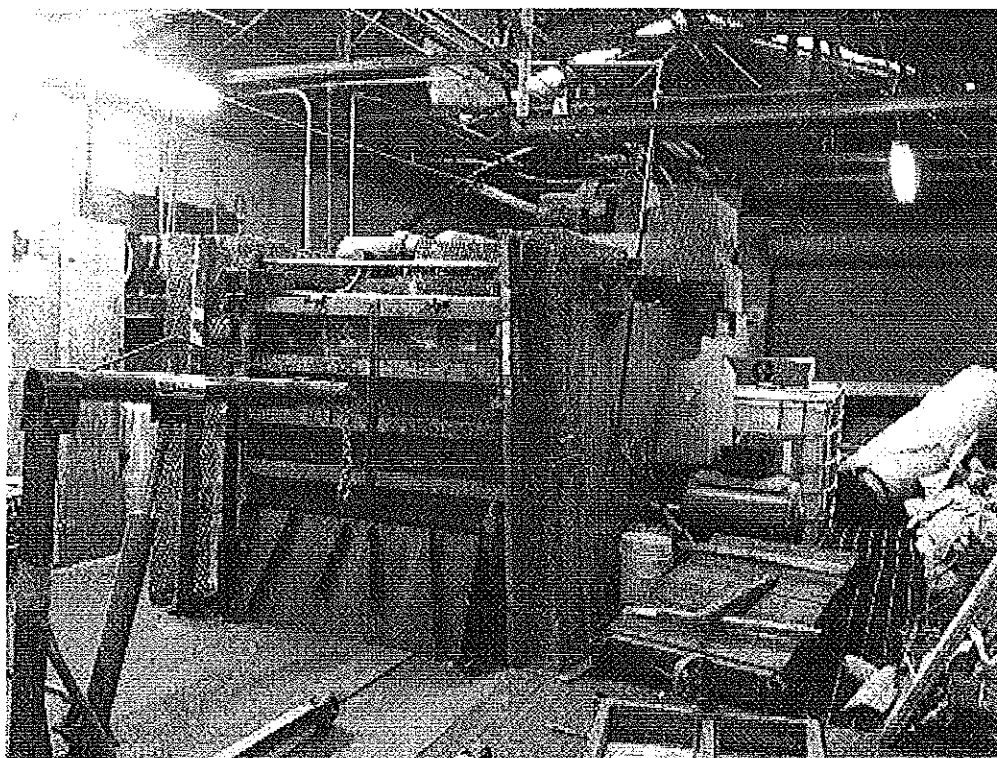
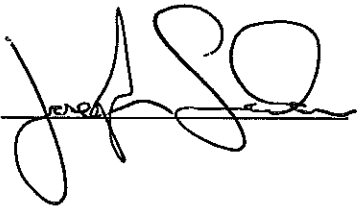


Image 8(8/20/2014) : Dip tank

NAME 

DATE 8/27/14

SUPERVISOR _____