

A GLIMPSE INTO THE STEEL MANUFACTURING PROCESS OF THE 1930S

VIEW OF THE 'YARD'



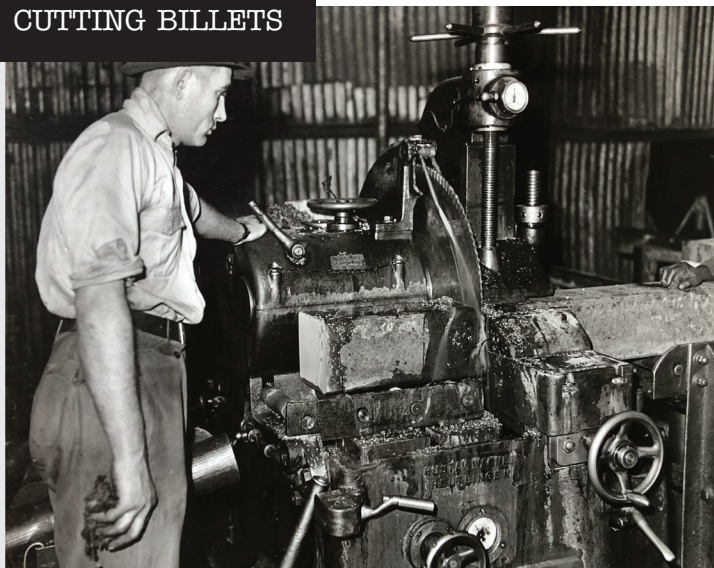
OFF-LOADING COAL

IN-COMING STEEL BILLETS



HANDLING BILLET BARS

CUTTING BILLETS



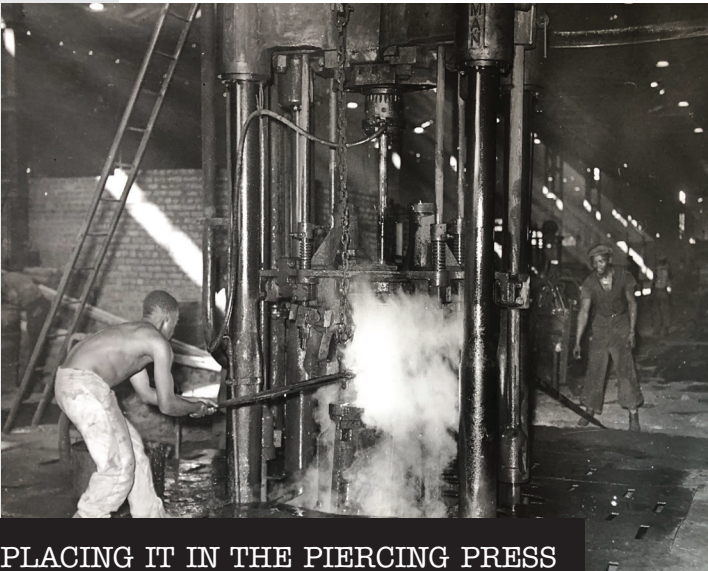
LOAD BILLETS AT FURNACE CHARGER



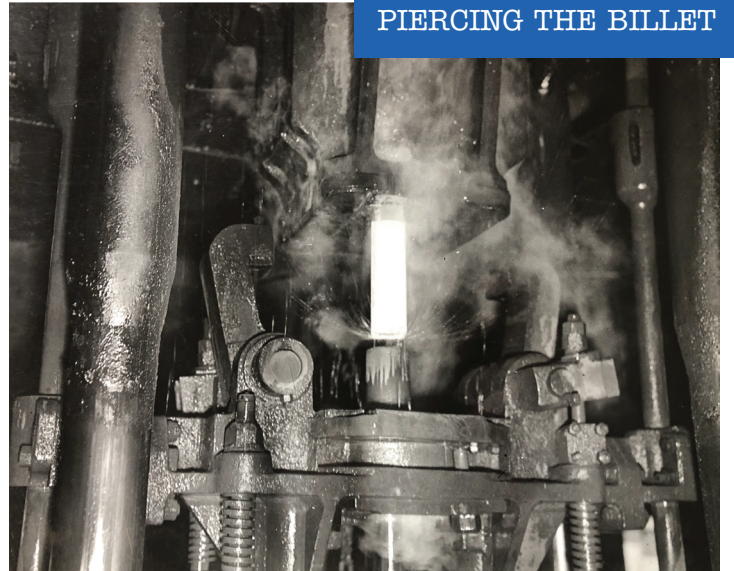
THE BILLET PUSHER FEEDING THE FURNACE



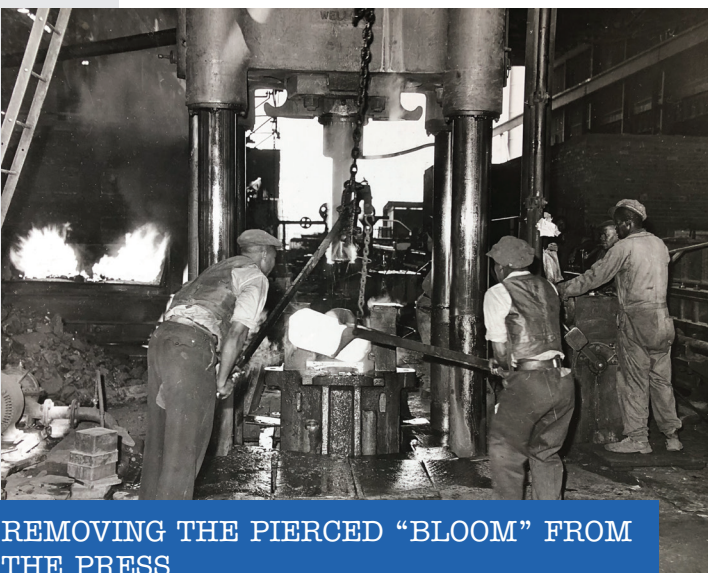
TAKING THE RED HOT BILLET FROM THE FURNACE



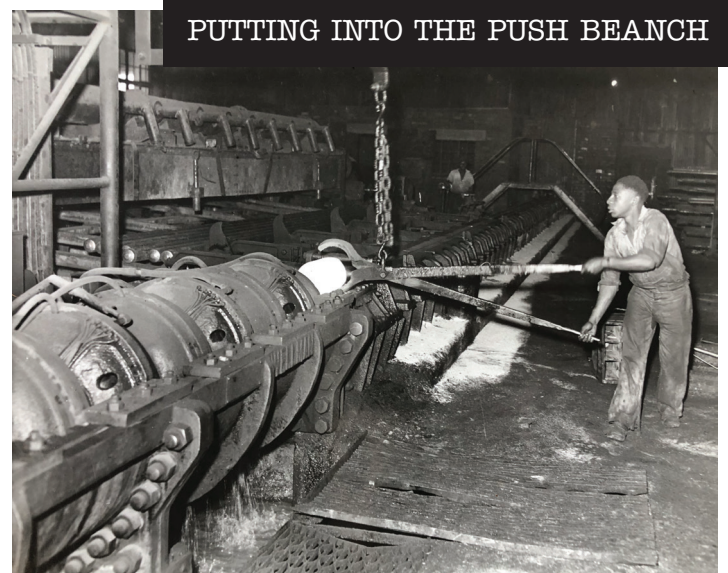
PLACING IT IN THE PIERCING PRESS



PIERCING THE BILLET

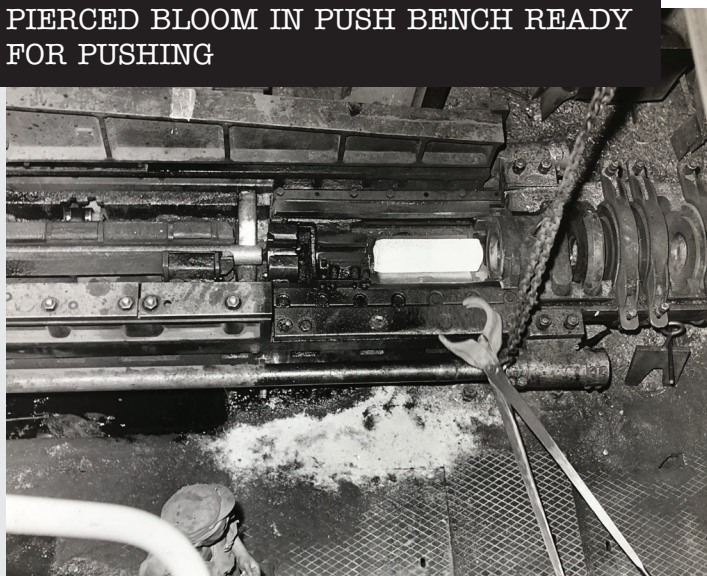


REMOVING THE PIERCED "BLOOM" FROM THE PRESS



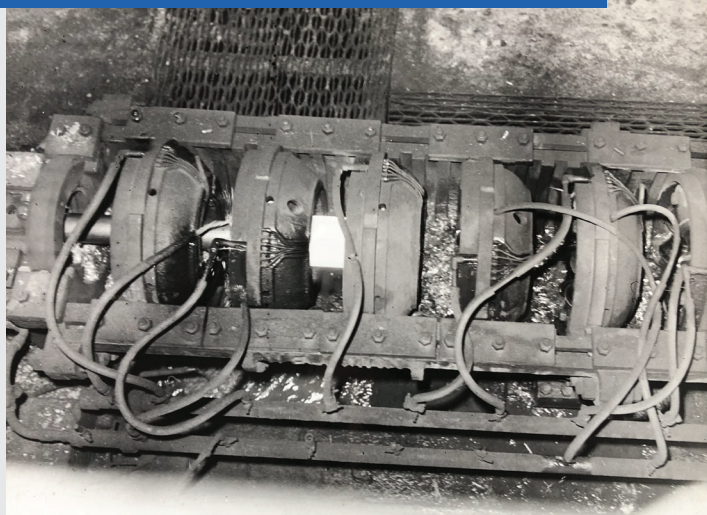
PUTTING INTO THE PUSH BEANCH

PIERCED BLOOM IN PUSH BENCH READY FOR PUSHING



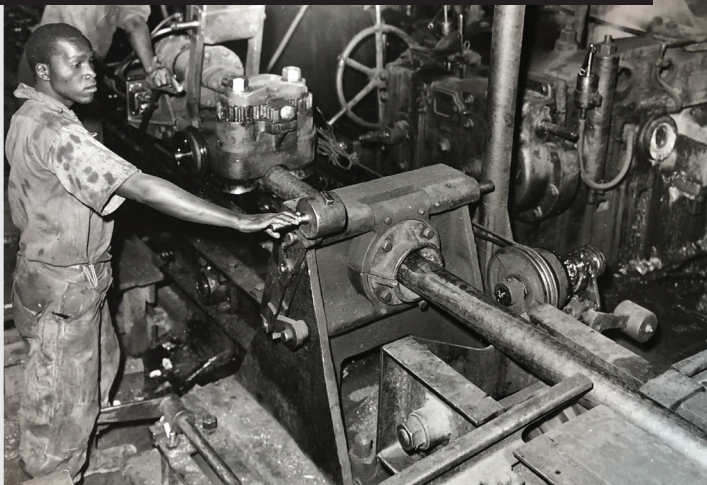
THE PUSH BENCH DRIVER

PUSHING THE TUBE IN THE RING BED

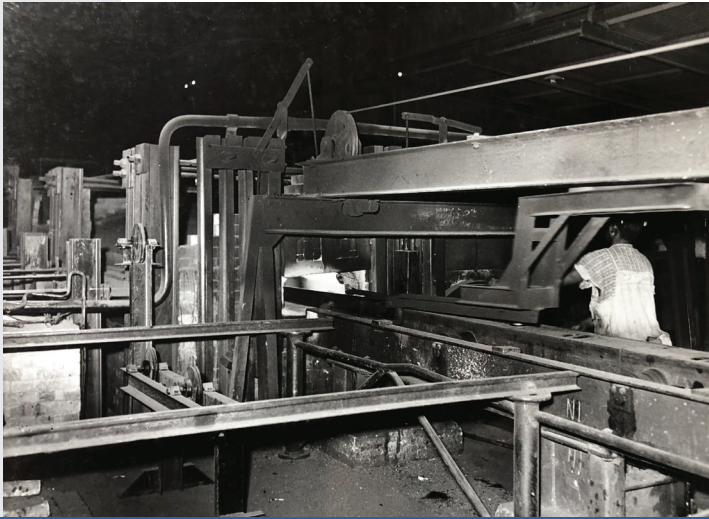


A TUBE LEAVING THE RING BED

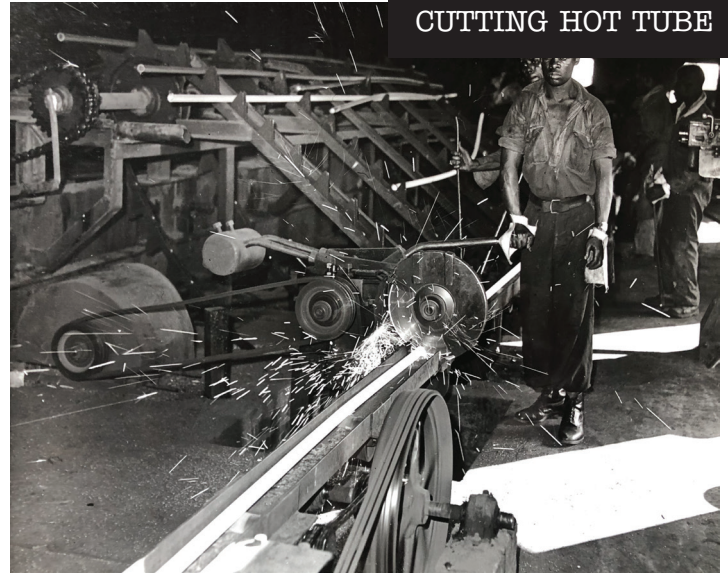
EXTRACTING THE MANDRAL BAR FROM THE TUBE



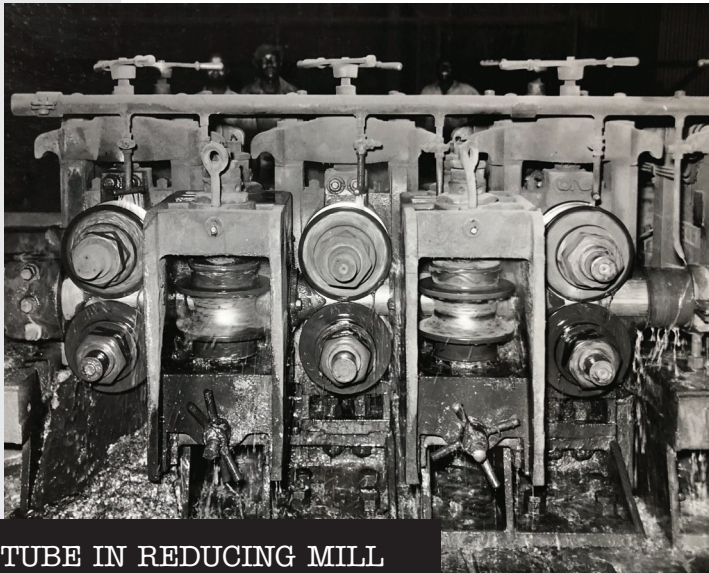
HOT SAW CUTTING SOLID NOSE OFF TUBE



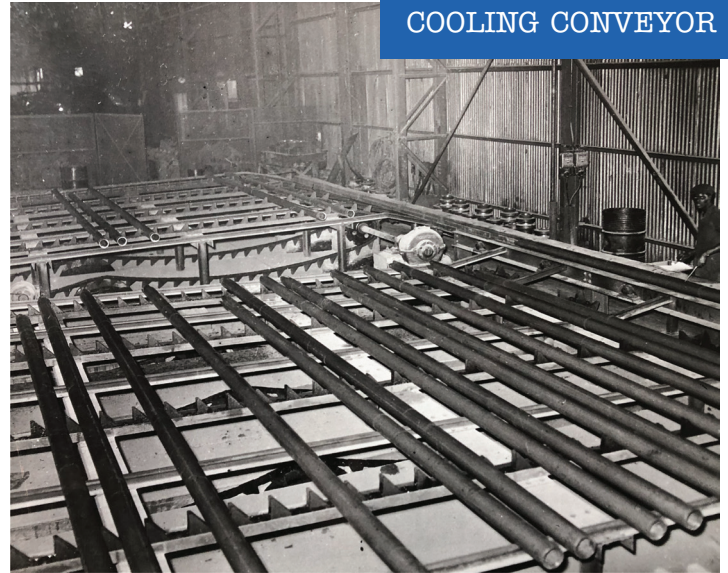
PUSHING TUBE INTO RE-HEATING FURNACE



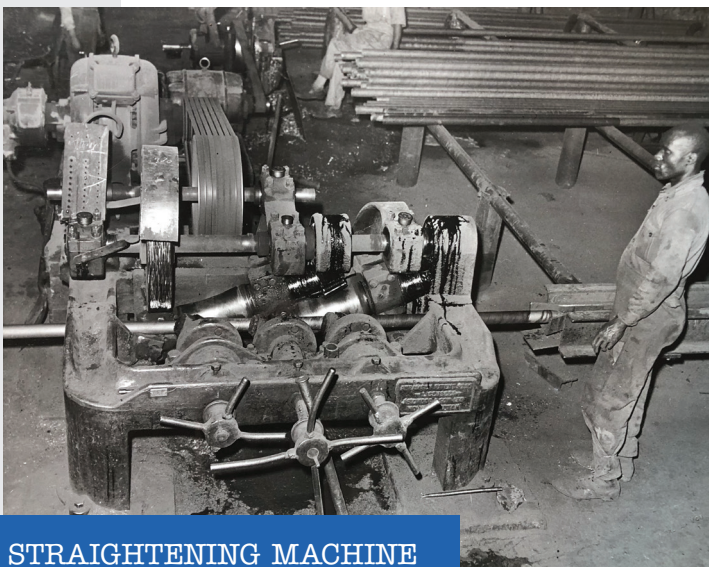
CUTTING HOT TUBE



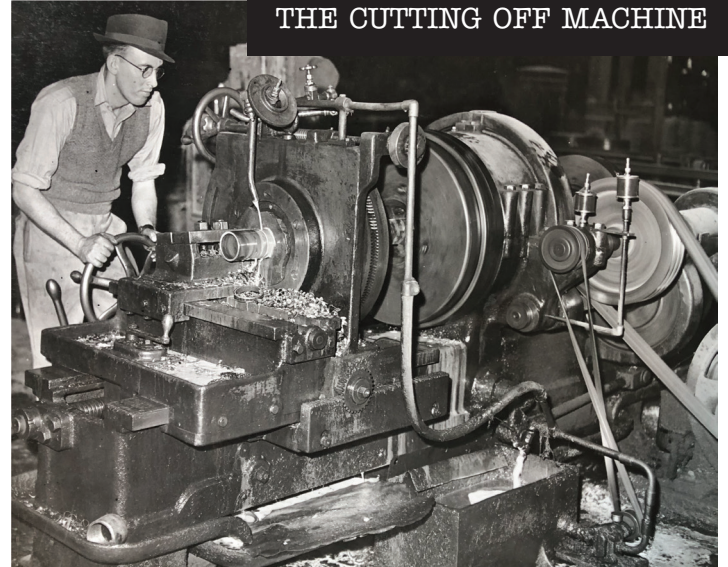
TUBE IN REDUCING MILL



COOLING CONVEYOR

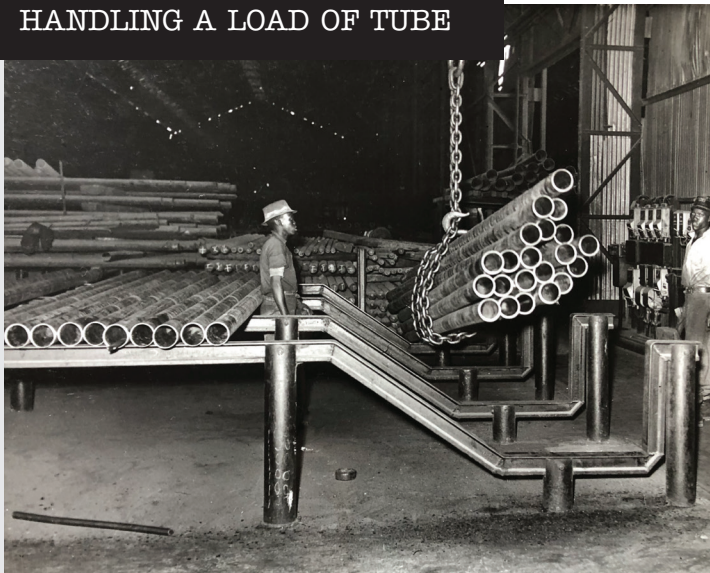


STRAIGHTENING MACHINE

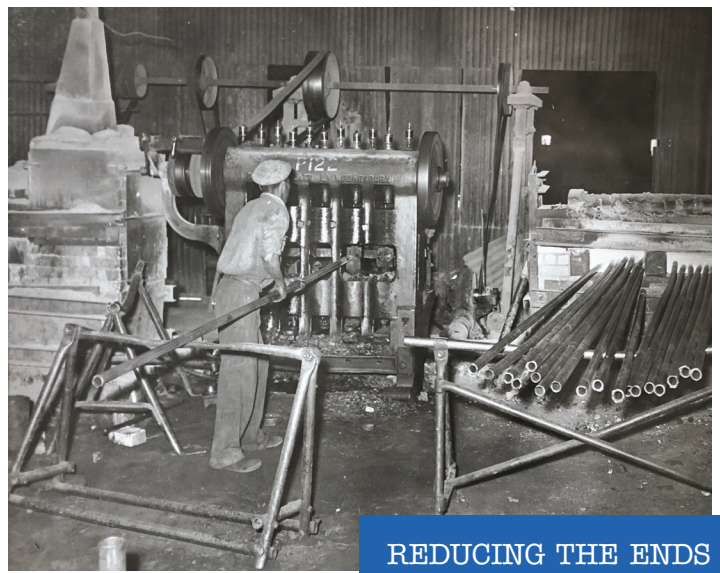


THE CUTTING OFF MACHINE

HANDLING A LOAD OF TUBE



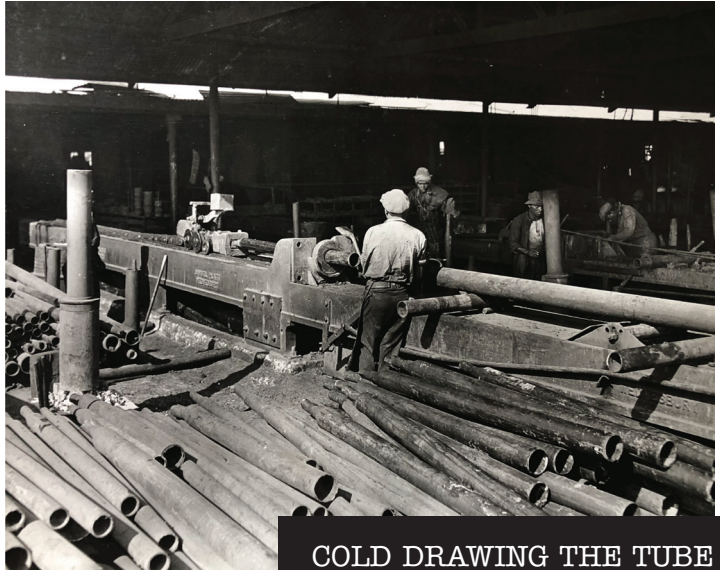
REDUCING THE ENDS



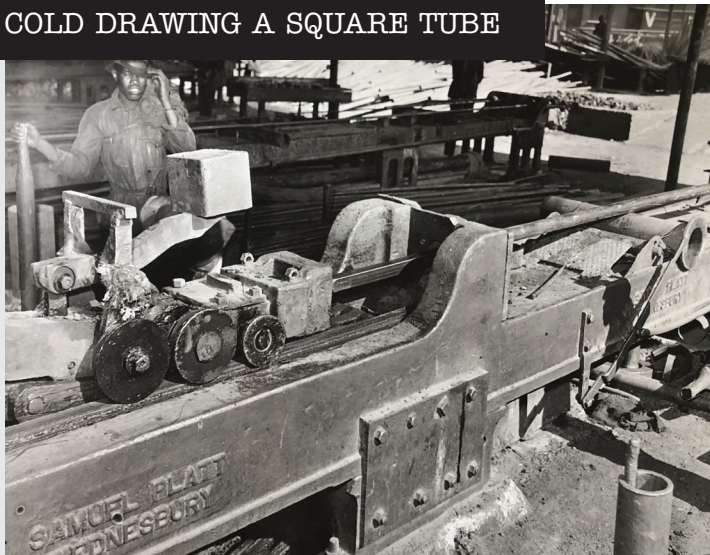
PICKLING TANK



COLD DRAWING THE TUBE



COLD DRAWING A SQUARE TUBE

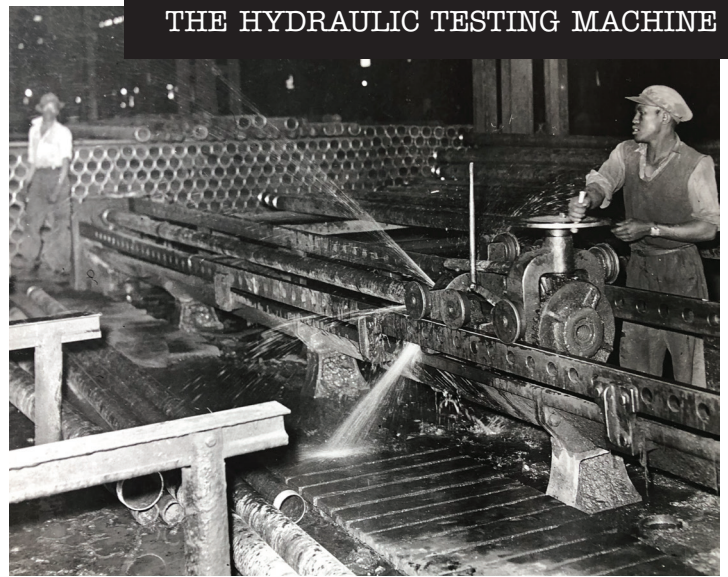


A LOAD OF GALVANIZED TUBES

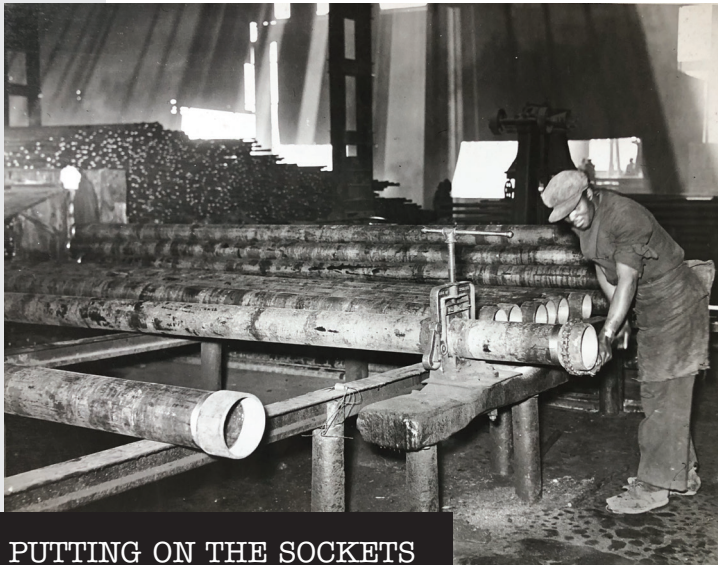




ZINC SPRAYING



THE HYDRAULIC TESTING MACHINE



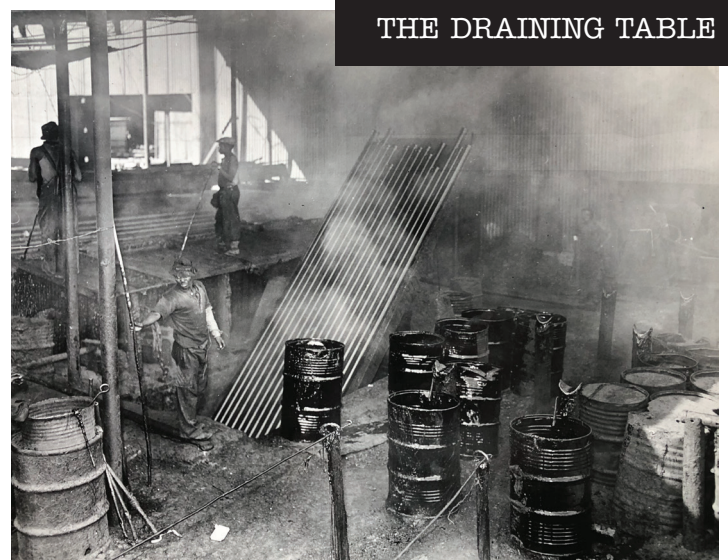
PUTTING ON THE SOCKETS



PAINTING

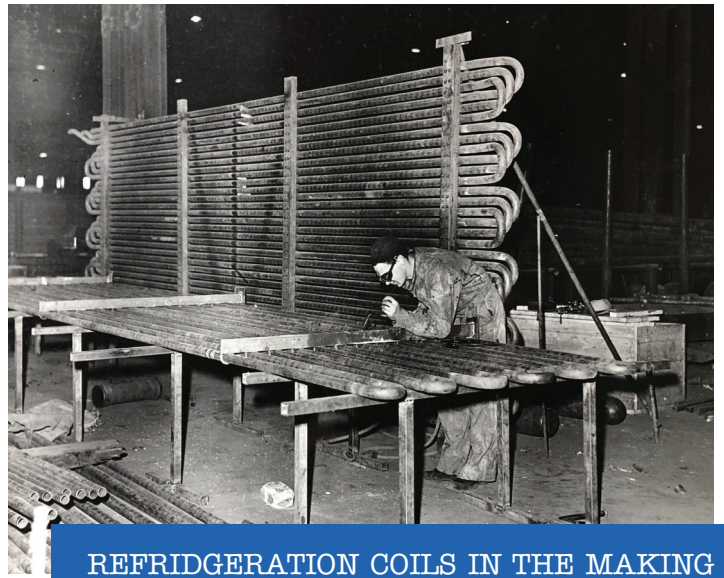
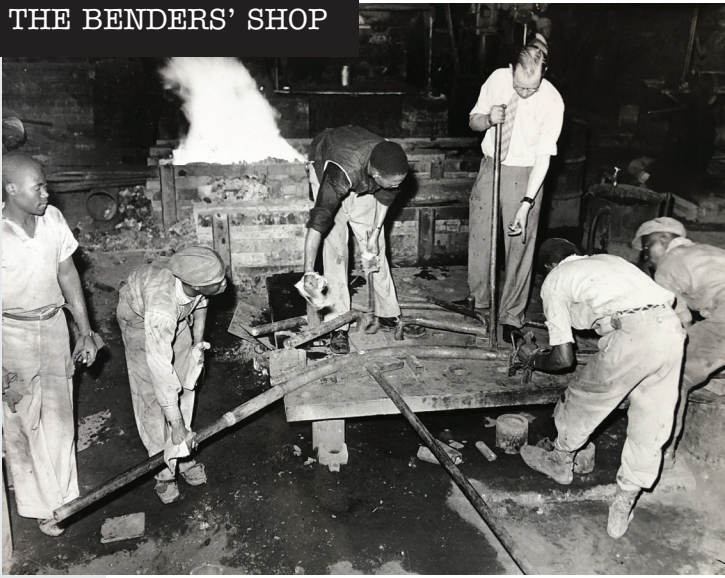


BITUMEN DIPPING TANK



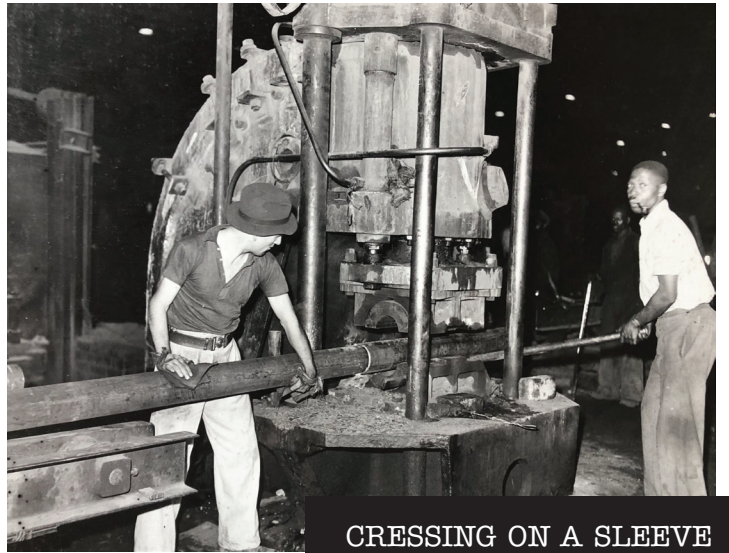
THE DRAINING TABLE

THE BENDERS' SHOP



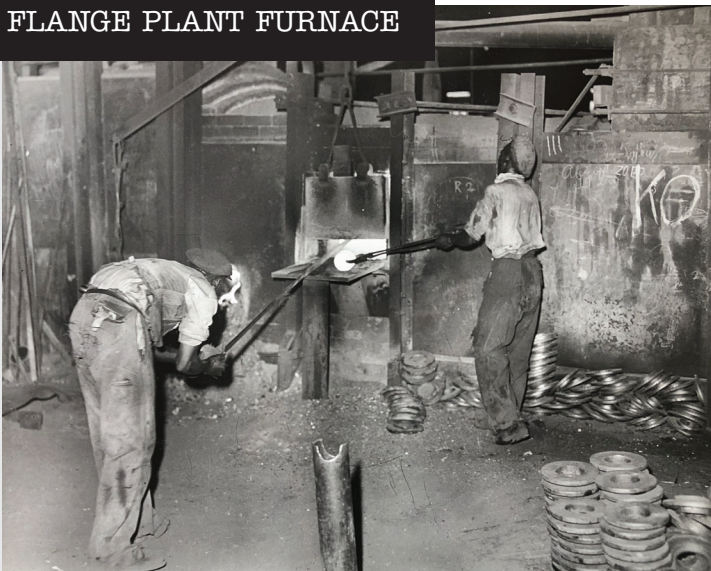
REFRIDGERATION COILS IN THE MAKING

A POLE JOINTING PRESS



CRESSING ON A SLEEVE

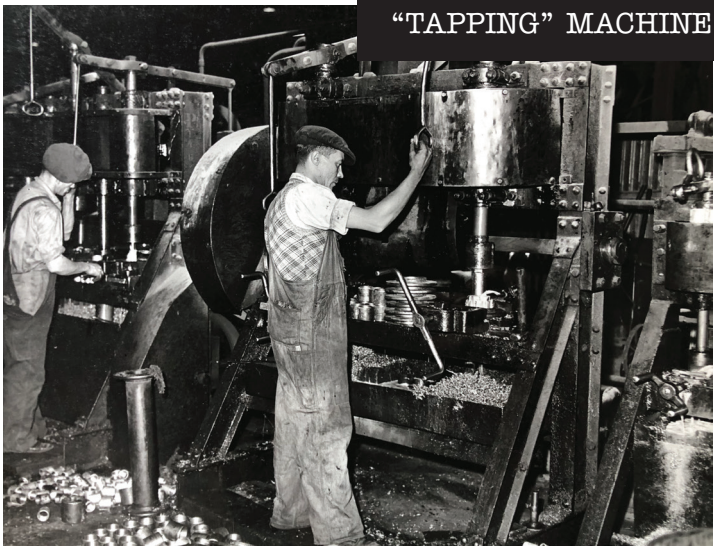
FLANGE PLANT FURNACE



DROP FORGING FLANGES



PUNCH OUT THE CENTRE OF A FLANGE ON A STRIPPING PRESS



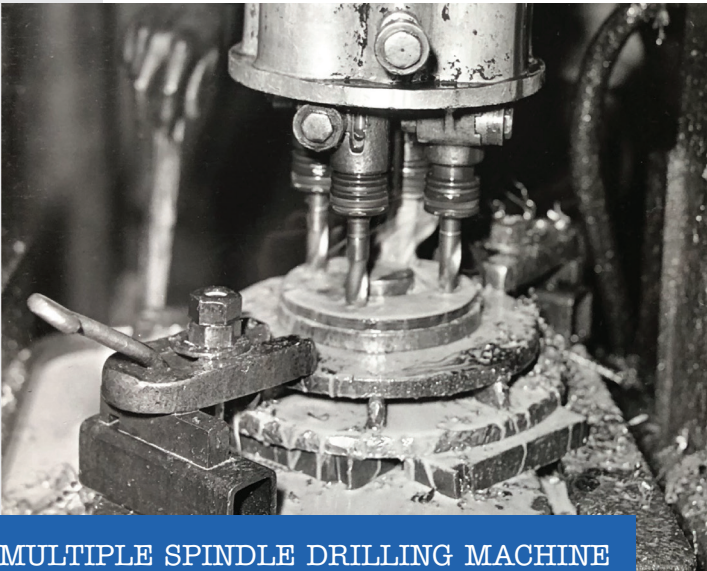
"TAPPING" MACHINE



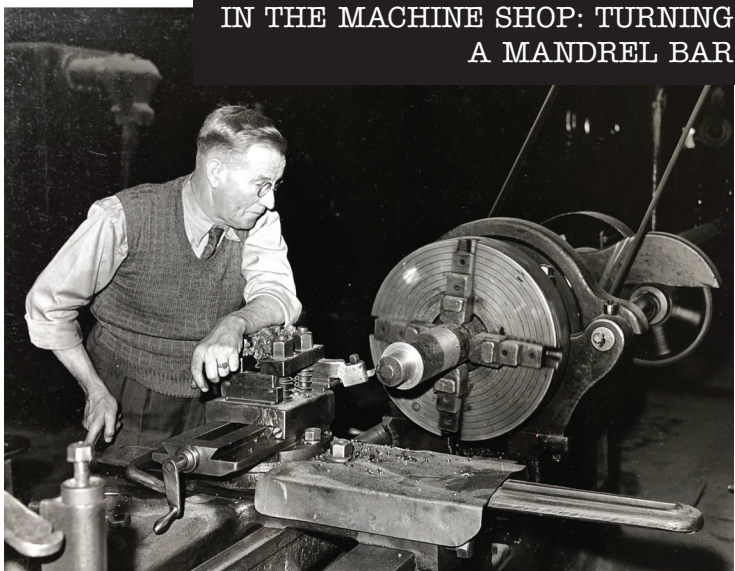
"DRESSING UP" FLANGES



INSPECTING FLANGES

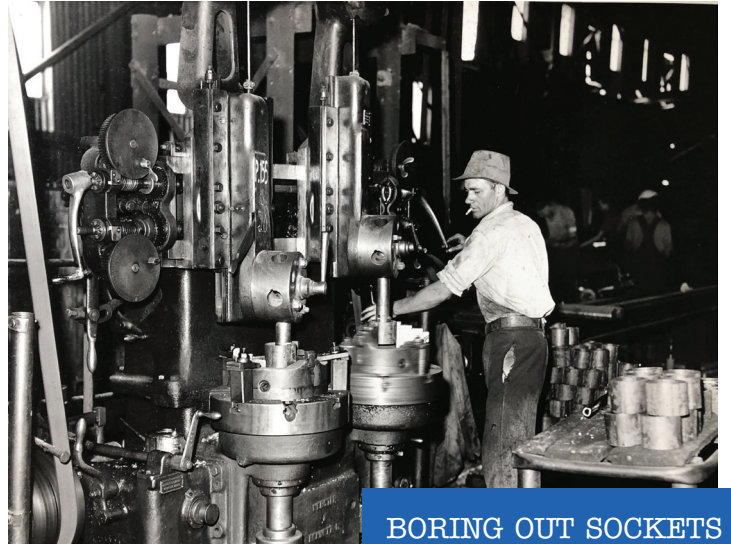
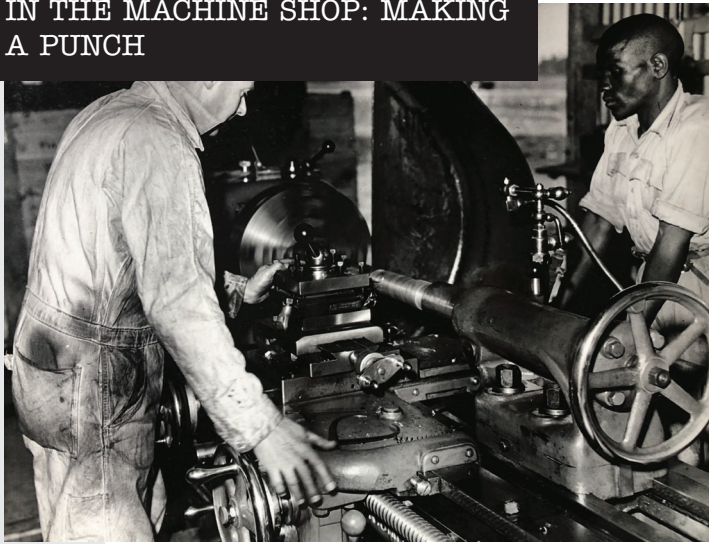


MULTIPLE SPINDLE DRILLING MACHINE



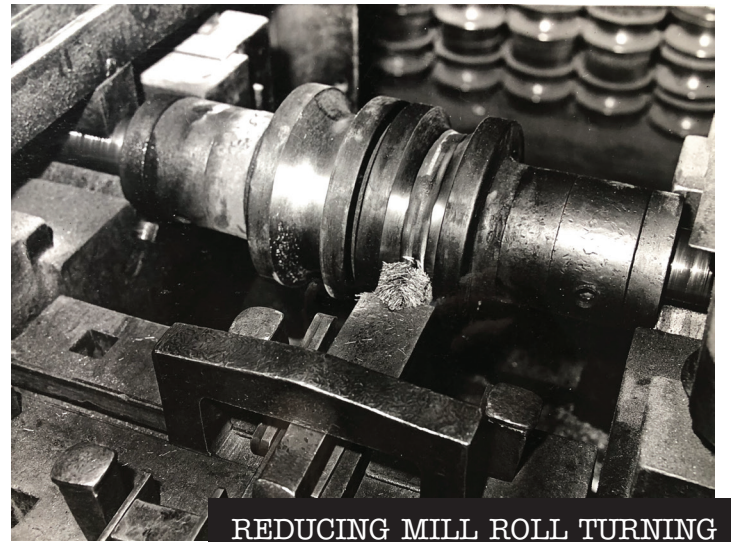
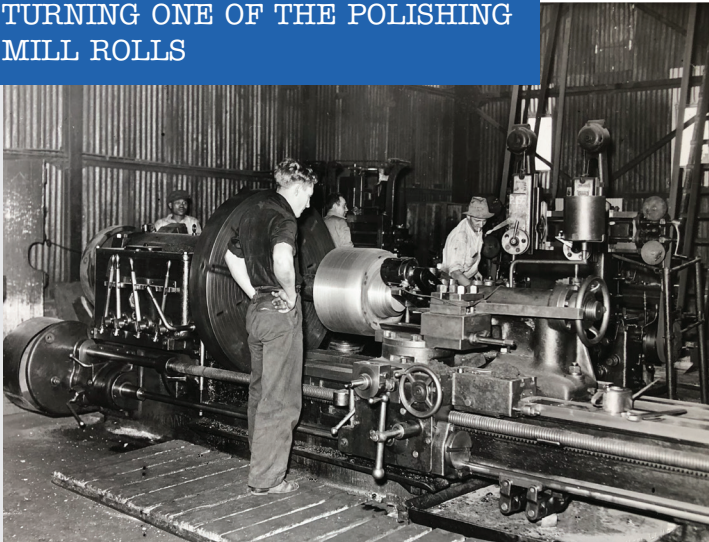
IN THE MACHINE SHOP: TURNING A MANDREL BAR

IN THE MACHINE SHOP: MAKING
A PUNCH



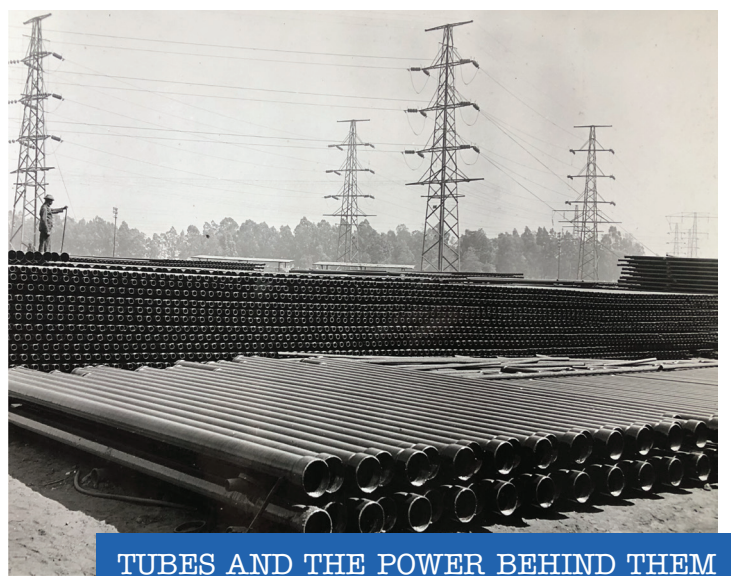
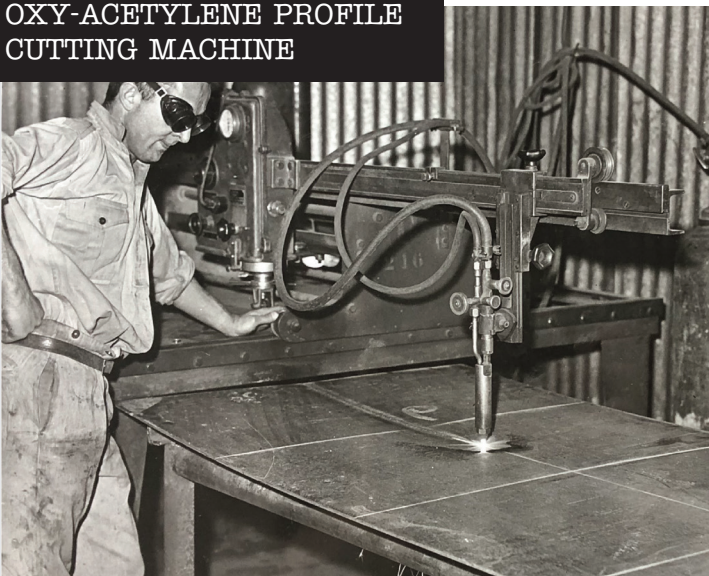
BORING OUT SOCKETS

TURNING ONE OF THE POLISHING
MILL ROLLS



REDUCING MILL ROLL TURNING

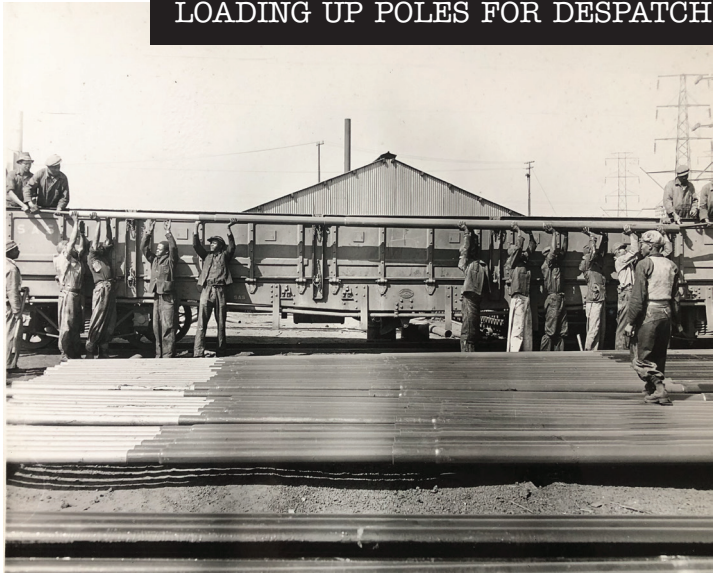
OXY-ACETYLENE PROFILE
CUTTING MACHINE



TUBES AND THE POWER BEHIND THEM



SPECIAL MARINE BOILER TUBES
BEING DESPATCHED



LOADING UP POLES FOR DESPATCH



“PAY DAY”