

- p Coke made from pulverised coal; imported coke was better, reasons given.
- q BHP got onto better class of coal and improved methods made better coke and this was cheaper and supplies were more reliable than importing coke by ship.
- r Charging the furnace described.
- s Three-way balance furnace with tuyère to bring in the air. Furnace described.
- t Gran seemed to be the only one to manage this furnace and he was extremely busy looking after the bronze and the business.
- u Cupola furnace, one tuyère, replaced with three-way balance furnace, reasons given.
- v Gran actually built this three tuyère furnace.
- w Installing the furnace described.
- x First cast went well and used until he retired; when he left he used to be asked to come in and operate the furnace.
- y Electric type furnaces were very expensive; properties of this furnace described. Conversion furnaces.
- z Two oil-fired furnaces also installed, description.

21 CAMP OVENS MADE IN THE FOUNDRY

- a Camp ovens at Grey Street foundry; did not need this work and as kitchen ware, sales tax was involved.
- b He was approached to make them by Wellington Surplus Stores; reluctantly he accepted an order for a few.
- c He thought of an easy method of making these camp ovens.
- d Method described; made a few for friends; Scandia Foundry which had made them had gone broke.
- e Prototypes made of camp ovens using green sand method.
- f Client was pleased but price high, he thought.
- g Demand was great and placed an order for 50.
- h Description of handles being made.
- i Camp ovens of various sizes became one of their lines.
- j Demand fell off; foundry had lots of other work; described.
- k Then another client and camp ovens boomed and exported even to the Eastern States.
- l Suddenly Taiwanese camp ovens were on the market at a cheap price.
- m Made of thinner iron they were fragile in a hot fire.

TAPE FIVE SIDE ONE

- n Foundry was busy with other work; new orders of camp ovens came in again because Taiwanese ovens split and he had to replace them.

- o 'E and G Foundry' on top of each lid of the camp ovens with phone number.
- p Request from government department for promotion of West Australian goods; 10,000 camp ovens for an order from Japan.
- q Gran due to retire in two or three years and he felt that he would not get his money back on the equipment required to make such an order.

22 STATE ENGINEERING WORK DONE BY E AND G FOUNDRY

- a Connection was a fluke, they had a foundry employing 120 men.
- b Gran went to get J incinerator patterns made there.
- c A look at the foundry described; poorly run, he thought.
- d Jack Mariner made the J series for Gran.
- e Second in charge asked to see him one day.
- f He wanted manhole covers made as big demand from developing north of WA.
- g Builders were getting his manhole covers; and the ones cast in the State Engineering, poor quality, to the Sewerage.