

The Institution of Engineers, Australia: Sydney Division
Engineering Heritage Committee
ORAL HISTORY PROGRAM

INTERVIEWEE: Stan Ambrose

TAPE NUMBERS:

IEA SYD RR 120 - 122

INTERVIEWER: Richard Raxworthy

DATE: 11/8/97

NUMBER OF TAPES: 3

RESTRICTION ON USE: None

LOG PREPARATION: Log prepared using a NEC RM 2670E tape recorder.**INTERVIEW TAPE LOG**

Stan Ambrose Tape: IEA SYD RR 120 , Side A. Date: 11/8/97

TAPE COUNTER	SUBJECT	NAMES & KEYWORDS
Tape 120 A 0 - 20	Tape Summary - Clerk PW Melbourne - RAAF Leader and identification	Mech Eng Degree - BP - Navy
20 -	Born 1926	Melbourne
30	Coburg Schools	Coburg Schools
90	Public Works Clerk Melbourne - under	Messrs Gale & Cook
130	Model Aircraft Design	
155	Air Force - Engine Mechanic	Adelaide & Melbourne
180	Beaufort Bombers - East Sale	East Sale
200	Crashes - Design Faults	Beaufort Design Faults
240	Test Flight	
270	Demob Clerk	
280	Public Works Clerk Melbourne	
290	Melbourne Uni Mech.Engineering -	Professor Blackwood
		Dr. Laszlo
	Student	Noel Svenson
370	Welding	
380	C.O.R. - BP - Design of Road Tankers - Welding	C.O.R. Road Tanker Design
410	Furnace Oil Handling Design - Heating	Heavy Oil Handling
Tape 120 B		BP - Navy - Standards Assn Sydney
30	Rail Tank Car Handling - Pipelines	Rail Tank Car Handling
60	Exotropic Materials Handling- Detergents	Heavy Liquid Handling
100	Design Engineer - Melbourne - Tanks	
	Conversion of Landing Barge for Lighter	
165	Navy - Welding - Daring Class Destroyers -	Williamstown Navy - Vendetta Joe Hunter
		Ian Goldfinch
230	BP - Accidents - Fires - Welding in tanks with oil in them	Poor Industrial Safety
280	Navy - Welding Radiography	Industrial Safety
300	Aluminium & Antifouling Experiments	

320	Navy - Underwater Gas Cylinders - Diving - UK	Cdr. Batterham
	German Mindset	Dr. Laszlo
340	War - Demining stories - Batterham and Laszlo	WW II Demining stories
390	Standards Association - moved to - reasons why	Standards Association - Sydney
420	Move to Sydney 1962	
425	Standards for Pressure Equipment behind in Aust.	Pressure Equipment Standards
Tape 121 A	Summary - Standards Association Sydney	Aust Welding Research Assn
20	Aust Standards - working towards world's best practice for local conditions -	
75	New Aust standards - Std. 1210 - Unfired Pressure Vessels	
	Std. 1228 Water Tube Boilers	
110	Gas Tanks Research in Aust - CIG Chair	Jim Davidson
130	Design of Corio Pressure Vessel	
140	Process of Establishing a standard - Define an objective - research - refine the objective - research	Process of Establishing Standards
175	Standards Committees - Representation	Standards Cte Representation
		Fred Fry - Insurance in Qld.
225	Aust Welding Research Assn. -headed by	Sir William Hudson
	Welding	Prof. John Rodderick Prof Muir - UNSW
270	Became a Trouble Shooter for the Industry with Director and	Paddy Padman Dr. Arch Bevis
280	Broke new ground in the provision of the info for the hot tapping of Gidealba to Adelaide Pipeline	Gidealba to Adelaide Pipeline
300	Ultrasonic checks on power station drum nozzles - decision to leave incorrectly fitted nozzles in	Power Station Drum Nozzles
345	Queensland Alumina Shell Fatigue cracks fixed	
365	Westgate Bridge failure experiments	Westgate Bridge
385	Auckland Bridge clip-on lane	Auckland Bridge
390	King Street Bridge	King Street Bridge
395	Rhodes Refinery fatalities - tank roof rupture rather than wall or floor	Rhodes Refinery Accident
420	Australian comparative welding know-how	
Tape 121 B		NSW Dept of Labour & Industry
30	Dept of Labour & Industry previous Chief Inspector	Jack Burgess
	Interviewed by Director	Fred Casey
90	Public Service culture	
140	Ministerial Stories	Pat Hills
165	Licensed Boiler Inspectors - NSW Overinspected	John Fahey
210	Assistant Director of Major Hazard Reorganised Dept. - Admin Dangerous Goods	Stan Ambrose Phil Butt
	Chief Inspector	Ray Brennan
245	Spanish Gas Tanker Explosion - Dangerous Goods and Pressure Vessels	
260	Woolloomooloo Underground Gas Tank	Woolloomooloo Gas Tank
290	Media information on the Radio quicker - followed up world media reports	
335	Institute of Non-destructive Testing - founded 1973	Institute of Non-destructive Testing
350	Radiography & Ultrasound	Radiography & Ultrasound
380	Simulation for Certification of Competency	
395	Fireworks - Ban / Control of Displays	Pat Hills

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