

**NEIMME/AEARG - Atomic Energy Authority Research Group**

<b>Code</b>	<b>Title</b>	<b>Author</b>	<b>Author 2</b>	<b>Date of publication</b>	<b>Location</b>	<b>Digitised?</b>
NEIMME/AEARG/001	Heat transfer to two phase gas-liquid systems. Pt 1 Steam-water mixtures in the liquid dispersed region of an annulus	J.A.R Bennett,	J.G Collier, H.R.C Pratt, J.D Thornton	Nov-59	LP14	
NEIMME/AEARG/002	Heat transfer in beds of fluidised particles: a literature survey	H. Bannister		Oct-59	LP14	
NEIMME/AEARG/003	Metallic suboxides	P. Hudswell		Mar-61	LP14	
NEIMME/AEARG/004	The thermal conductivity of artificial graphites and its relationship to electrical resistivity	I.B Mason	R.H. Knibbs	Mar-62	LP14	
NEIMME/AEARG/005	The preparation of carbon suboxide	J.S.P Batchelor	E. Furby, K.L. Wilkinson	Mar-62	LP14	
NEIMME/AEARG/006	A simple apparatus for sampling cylindrical graphite specimens	G.J Hunter	M. Perkins	Nov-62	LP14	
NEIMME/AEARG/007	Simultaneous reaction, diffusion and bulk flow in tubular specimens of graphite II a critical examination of the transition region	P. Hawtin	J.A Gibson	Dec-63	LP14	
NEIMME/AEARG/008	The radiolytic oxidation of methane Pt 1: the production of methyl hydroperoxide and formaldehyde	J.A Hearne	R.W Hummel	Feb-64	LP14	
NEIMME/AEARG/009	Radiolysis of carbon monoxide and of CO/CO2 Mixtures	W.R Marsh	J. Wright	May-64	LP14	
NEIMME/AEARG/010	The radiolytic reaction between graphite and carbon dioxide Gas Flow Experiments Pt 1 Effects of specimen containment	F.S Feates	R.S Sach, F.R.A Walker	Jun-64	LP14	
NEIMME/AEARG/011	Simultaneous reaction, diffusion and bulk flow in tubular specimens of graphite 1 Temperatures below 500°C	P. Hawtin		Aug-63	LP14	
NEIMME/AEARG/011	Preparation of PGA graphite labelled with Carbon-14	D.A Dominey	J.B Morris, A.R Paddon	Oct-64	LP14	
NEIMME/AEARG/013	Simultaneous reaction, diffusion, and bulk flow in the air oxidation of ungraphitised carbon	P. Hawtin	J.A Gibson	Dec-64	LP14	
NEIMME/AEARG/014	The radiolytic reaction between graphite and CO2 Gas Flow Experiments. Pt II Effects of pressure, temperature and gas flow rate	F.S Feates	F.A Walker	Dec-64	LP14	
NEIMME/AEARG/015	The radiolytic reaction between graphite and CO2 Pt IV Gas Flow Experiments in DIDO. The effect of methane	D.A Dominey	H. Morley	Dec-64	LP14	
NEIMME/AEARG/016	The effects of carbon structure on the rate of oxidation of C14 labelled carbons by irradiated carbon dioxide	F.S Feates	A.G Poole	Jan-65	LP14	
NEIMME/AEARG/017	The effects of water vapour, CO and pore volume on the radiolytic reaction between carbon dioxide and graphite in sealed tubes	F.S Feates		Dec-64	LP14	
NEIMME/AEARG/018	The photolysis of carbon dioxide by vacuum ultraviolet radiation and the reaction of photolysis products with carbon	F.S Feates	R.S Sach	Jan-65	LP14	
NEIMME/AEARG/019	The effect of hydrogen and water on the radiation induced reaction of carbon dioxide with graphite	H.B.F Gow	W.R Marsh	Jan-65	LP14	
NEIMME/AEARG/020	Irradiation of carbon dioxide containing small amounts of methane	R.W Hummel		Jan-65	LP14	
NEIMME/AEARG/021	An investigation by electron microscopy of the alpha-radiolysis of carbon monoxide	T. Baird	I.M Dawson, F.S Feates	Jan-65	LP14	
NEIMME/AEARG/022	Analysis of gas flow in a bubbling fluidised bed when cloud formation occurs	B.A Patridge	P.N Rowe	Apr-66	LP14	

NEIMME/AEARG/023	Fortran Programmes for the processing of bomb calorimetry data	P. Hawtin	Ms S.A Gardner, R.A. Huber	Oct-66 LP-14
NEIMME/AEARG/024	The mechanisms of solids mixing in fluid beds	P.N Rowe, B.A Partridge, A.G	G.A Henwood, E. Lyall	May-65 LP14
NEIMME/AEARG/025	The identification of the component cokes and their structural relationship in artificial graphites	R.H Knibbs		Feb-65 LP14
NEIMME/AEARG/026	Chemical reaction in a bubbling gas-fluidised bed	B.A Partridge	P.N Rowe	Nov-65 LP14
NEIMME/AEARG/027	Inhibitors for the CO <sub>2</sub> -graphite reaction in reactors: preliminary survey	TM. Tomlinson	J. Wright	Dec-64 LP14
NEIMME/AEARG/028	Thermal gas reactions of graphite	J.B Lewis		Mar-67 LP14
NEIMME/AEARG/029	Fractures in polycrystalline graphite	R.H Knibbs		May-67 LP14
NEIMME/AEARG/030	The radiolytic reaction between graphite and CO <sub>2</sub> Part 5: gas flow experiments in DIDO. Further experiments on methane	D.A Dominey	H. Morley, R.J Waite	Jul-67 LP14
NEIMME/AEARG/031	Air oxidation studies in a long graphite channel	P. Hawtin	J.A Gibson, R.A Huber	Oct-67 LP14
NEIMME/AEARG/032	The diffusion of carbon in single crystal graphite	F.S Feates		Mar-68 LP14
NEIMME/AEARG/033	The radiolytic oxidation of single crystal graphite: nature of active species and G values	F.S Feates		Mar-68 LP14
NEIMME/AEARG/034	The determination of the specific gravity of C <sup>14</sup> -labelled graphite Pt II	D.A Dominey	B.P.K Sharpe	Mar-68 LP14
NEIMME/AEARG/035	The production of sulphuric acid in power station chimneys	S.A Penkett		Jan-71 LP14
NEIMME/AEARG/036	Concrete polymer composites	P.R Hills		Mar-73 LP14
NEIMME/AEARG/037	The effect of resin matrix properties on the impact and mechanical properties of unidirectional CFRP	N.L Hancox	H.Wells	Mar-73 LP14
NEIMME/AEARG/038	The combined influence of stress, time and temperature on the strength of polycrystalline alumina	J.R McLaren	R.W Davidge	May-74 LP14
NEIMME/AEARG/039	Explosions in two 75l liquid nitrogen Dewar vessels at AERE Harwell: report of the board of inquiry chaired by J.B Lewis	No author listed		May-74 LP14
NEIMME/AEARG/040	A CAMAC shaft positioning system	G.R Wallace-Sims		Jan-75 LP14
NEIMME/AEARG/041	An introduction to Weibull statistics	P.M Braiden		Dec-75 LP14

