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<u>Classifi- cation</u>	<u>No.</u>	<u>Title</u>	<u>Author</u>
SECRET	17/53	The Stability of Liquid Filled Shell. Part I	Dr. K. Stewartson
UNCLASSIFIED	1/54	15 Model Programme: Final N.P.L. Report on the Aerodynamics of Models, Type A.E.I.O.N. at 2200 f.s. (N.P.L. Engs Div: Report 515/51 reprinted)	D.A. Harding E.G. Saunders D.L.R. Bailey
CONFIDENTIAL	2/54	Application of Refractory Metal Coatings to Steel (Mullard Materials Research Laboratory Report MR.719)	
CONFIDENTIAL DISCREET	3/54	The Problems of Mortar Accuracy (W.R.C./S.A.C. Notes)	
-	4/54	Cancelled	
SECRET	5/54	Statistical Analysis of Data from Experiment on Heat Treatment of 3.7in. Shell in Steel STA.36A.	E.D. van Rest
CONFIDENTIAL :	6/54	Magnesium and its Alloys	L.J. Brice T.H. Hall
UNCLASSIFIED	7/54	The Surface Tension of Ionic Melts	Ronald L. Moss
UNCLASSIFIED	8/54	Free Radicals in the Attack of Metal Surfaces (Submitted by Prof: A.R. Ubbelohde)	J.C. Orr
CONFIDENTIAL	9/54	Report of a Technical Meeting on Manual Control, held 4th November, 1953.	
CONFIDENTIAL	10/54 <u>Part I</u>	Melting and Physico-Chemical Properties of Sodium and Potassium Thiocyanates. Interim Report	D.W. Plester, B.Sc. S.E. Rogers, Ph.D. A.R. Ubbelohde, F.R.S.
	<u>Part II</u>	Experimental Study of Thermal Energisers, Cells based on Potassium Thiocyanate Melt. Interim Report	S.E. Rogers, Ph.D.
UNCLASSIFIED	11/54	A Digital to Analogue Computer	C. Holt Smith, M.Sc. M.I.E.E.
UNCLASSIFIED	12/54	Properties of Steels at Very High Rates of Strain. Interim Report No.1. (Development of Methods of Detecting Stress Waves in Steels)	D.S. Box, B.Sc., A.Inst.P. L.I.M. P.W. Wright, B.Sc.

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UNCLASSIFIED	1/55	The Weldability of High Tensile Structural Steels	C.L.M. Cottrell K. Winterton B.J. Bradstreet
UNCLASSIFIED	2/55	A Preliminary Study of Acetylene Polymerisation <u>Part I</u> Liquid and Gas Phase Polymerisation at Room Temperature. <u>Part II</u> High Temperature Surface Catalysed Polymerisation.	D.M. Cheseldine
RESTRICTED	3/55	The Use of Metal Diaphragm Strikers for Anti-Personnel and Anti-Tank Mine Fuzes	L.J. Brice, M.Sc. F.I.M.
SECRET	4/55	Not yet ready for distribution	E.C. Fieller J.E. Hailstone
UNCLASSIFIED	5/55	The Measurement of Frequency Difference between two Signals. (Report of work carried out at Brighton Technical College, under M.O.S. Ref: 7/Gen/1040, by W.A. Turner and P. Godfrey)	
UNCLASSIFIED	6/55	A New Method for the Analysis of Piecewise Linear Control Systems with Particular Application to Relay Controls.	R.H. Macmillan
UNCLASSIFIED	7/55	The Frequency Response Analysis of Non-Linear Systems	P.E.W. Grensted, M.A.
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	9/55	Not yet ready for distribution	I.D. Hill, B.Sc.,
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CONFIDENTIAL	12/55	A Visit to the U.S.A.	F.H. Seeley
CONFIDENTIAL	13/55	The Influence of Heat Treatment on the Thermal and Electrical Conductivity of Electro-Deposited Chromium	R.W. Powell, D.Sc., F.Inst.P. P.P. Tye
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UNCLASSIFIED	15/55	Electrodeposition of Tungsten-Cobalt Alloys	I.A. Bucklow, B.A. T.P. Hoar, Ph.D., B.Sc., F.R.I.C., F.I.M.
UNCLASSIFIED	16/55	Corrosion Tests on H.10 and H.15 Aluminium Alloys, including work on various protective measures.	H.K. Farmery, M.A., Ph.D. E.F. Crosswell
CONFIDENTIAL	17/55	Blast Measurements Around 120 mm. B.A.T. Gun (Previously issued as B.R.S. Defence Report 48)	
UNCLASSIFIED	18/55	Report of Seminar on Non-Linear Control Problems (The Department of Engineering, Cambridge University)	
CONFIDENTIAL	19/55	Abridged Version of a Translation of a Russian Report on Artillery Sound Ranging (Scientific Computing Service Ltd.)	D.C. Gilles, B.Sc., Ph.D.
UNCLASSIFIED	20/55	Electrical Analogues. A Survey of their use in the United Kingdom	Dr. A.J. Knight, M.Sc., Ph.D.
UNCLASSIFIED	21/55	Investigations of the Principles of Frictional Charging (Royal College of Science - Final Report)	



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