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FUEL RESEARCH INSTITUTE OF SOUTH AFRICA

TECHNICAL MEMORANDA FOR 1973

REPORTS FOR 1973

FUEL RESEARCH INSTITUTE OF SOUTH AFRICA

TECHNICAL MEMORANDA FOR 1973

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Report on the Washing of a Bulk Sample of Swaziland Area 3, Lower Main Seam, Coal.	P.J.F. Fourie	2/73 <u>Confidential</u>
Progress Report on Performance Tests with Deister Table, Using Landau Minus 0,5 mm Fines.	A.H. Kuhn	3/73
Particle Size Analyses and Magnetic Properties of Five Milled Products of Stanmore Magnetite.	M. Maksa J. Policar W.T.E. von Wolff	4/73 <u>Confidential</u>
Ondersoek van Monsters geneem in die Usutu-steenkoolmyn na die Ontploffing van Augustus 1972.	F.E. Joubert J.G. van Zyl A.A. Meintjes	5/73
Spontaneous Heating of Landau Coal.	T.C. Erasmus	6/73
A Study of the Weathering or Atmospheric Oxidation of a Witbank No. 2 Seam, Low-ash Coal.	E.F.E. Müller	7/73
Performance of a Heizautomat Type R100 Hot-water Generator.	G.A.W. van Doornum	8/73
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Report on the Results Obtained from Washing Tests carried out in the F.R.I. Pilot Plant on Bulk Samples of Van Dyks Drift Coal.	S.F. Streicher	10/73 <u>Confidential</u>
'n Rekenaarprogram vir die Verwerking van Eksperimentele Gegewens van Mikro-hardheid Toetse.	F.E. Joubert	11/73
Zinc and Chlorine Retention in Coal - First Progress Report.	E.F.E. Müller J.F. Harris	12/73
Sampling of Magnetite at the Sizing and Milling Plant of Messrs. Martin & Robson (Pty.) Ltd., Gravelotte, Eastern Transvaal, on 15.2.73.	G.A. Raab	13/73 <u>Confidential</u>
Bias Tests on Coking Smalls Sampler at Landau No. 3 Colliery.	W.H.D. Savage	14/73 <u>Confidential</u>
Report on a Compound Water Cyclone. Investigation on Van Dyks Drift Fines.	A. Saler	15/73
'n Verslag oor die Wasbaarheidsbepalings van Vier Monsters vanaf die Plase Yzermyn, Kromhoek, Goedgehoop en Boschhoek in die Wakkerstroom-distrik.	P.J.F. Fourie	16/73 <u>Vertroulik</u>
Second Progress Report on Performance Tests with Deister Table, using Landau Minus 0,5 mm Fines.	A.H. Kuhn	17/73
Report on the Washability of Coal from Swaziland Colliery, Area 1 (Anthracite Area).	P.J.F. Fourie	18/73 <u>Confidential</u>

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Removal and Underground Stowage of the Material Contained in a Refuse Dump in the Witbank Area.	G.A.W. van Doornum	19/73 <u>Confidential</u>
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Report on the Washability of Sigma Coal.	P.J.F. Fourie	30/73 <u>Confidential</u>
Third Progress Report on Deister Table Performance Tests, Using Van Dyks Drift Minus 0,5 mm Fines.	A.H. Kuhn	31/73
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Report on the Collector Efficiency Test at Grootvlei Power Station, 19th September, 1973.	T.C. Erasmus	50/73 <u>Confidential</u>
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Report on the Treatment of Three Bulk Samples of Coal from Swaziland Colliery, Area 2.	P.J.F. Fourie	59/73 <u>Confidential</u>
Report on the Washability and Washing of a Bulk Sample of Limpopo Coal.	P.J.F. Fourie	60/73 <u>Confidential</u>
Carbonization of Coal and Production of Char, Coke, Gas and By-products in the R.S.A. during 1972.	E.F.E. Müller	61/73 <u>Confidential</u>
Spontaneous Combustion Test on the Ingagane Clean Coal Arisings.	T.C. Erasmus	62/73 <u>Confidential</u>
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Report on One Borehole Drilled on the Farm Smithfield 44 IS, Witbank.	H.P. Boshoff	2/73 Survey No.386 <u>Confidential</u>
Report on Two Boreholes Drilled on the Farms Otterskuilen 629 IR, and Rusticana 660 IR, in the Standerton District of Transvaal.	H.P. Boshoff	3/73 Survey No.387 <u>Confidential</u>
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Verslag oor 19 Boorgate op die Plase Leeudrift 312 LQ, Grootgeluk 459 LQ, Hieromtrent 460 LQ, Daarby 458 LQ, Enkelbult 462 LQ, en Turfvlakte 463 LQ, in die Waterberg-distrik.	J.M. Briel W.H.D. Savage	10/73 Opname No.388 <u>Vertroulik</u>
Lae-Temperatuur Gefluïdiseerde Bed en Saamedraagde Karbonisering van Steenkool.	W.J. Sander	11/73
Report on Adit, Face and Product Samples taken from the Workings of the Glück Auf Anthracite Colliery (Previously Known as the Lenjane Anthracite Colliery) on the Farm Vrischgewaagd 179 in the Vryheid District, Natal.	M.C.J. van Vuuren	12/73 Survey No.389 <u>Confidential</u>
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Report on 37 Boreholes Drilled on Van Oudshoorn Stroom 261 IT, Buhrmanns Tafelkop 135 IT, and Nooitgedacht 268 IT, Ermelo District, Transvaal.	W.H.D. Savage	15/73 Survey No.390 <u>Confidential</u>
Report on Fifty Boreholes to prove the No. 5 Seam drilled on Bosmanskrans 22 IS, and Welverdiend 23 IS, in the Middelburg District, Transvaal.	W.H.D. Savage	16/73 Survey No.391 <u>Confidential</u>
A Description of the Delayed Coking Apparatus.	T.C. Erasmus	17/73 <u>Confidential</u>

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A Statistical Treatment of the Data Obtained with the Dorr- Clone Classifier.	T.C. Erasmus	18/73

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