

Curriculum Vitae

ICE-SA Panel of NEC Adjudicators

Dr Hylton Macdonald

Personal Details:

Forenames: Hylton
Surname: Macdonald
Gender: Male
Language: English

Contact Details

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Location

Province: Gauteng
Nationality: South Africa
Town: Johannesburg

Professional

Company Name: H K M Consulting (Pty) Limited
Job Title: Director
ICE Membership Grade: Fellow
ECUK Registration Level: C Eng

Contract Experience:

Hylton worked for a major Engineering and Construction company between 1973 and 2014.

Initially, Hylton worked primarily on civil engineering related projects. These works included undertaking design works and project managing major design and construct projects. This included power stations, bridges (including design and construct projects), dams, slides, chimneys (design and construct), and temporary works design for coal, industrial, rail, bridges and other civil projects.

Subsequently, Hylton worked on major roads, freeways, marine, water supply, power station, sanitation, and sewage reticulation schemes, dams, tunnelling, gold, coal, steel, stainless steel, paper, sugar, aluminium and mineral sands plants, rail maintenance and construction, and oil and gas works, amongst others. These projects were widely distributed around Africa, the Middle East and the

Caribbean and ranged from construct only to D&C, to EPCM, to EPC, BOOT and DBO projects.

From 2005, Hylton was intimately involved with a wide range of projects technically and commercially over an extended geographic foot print that included South East Asia, through Australasia to American Samoa.

On Hylton's retirement from the Aveng Group in May 2014 he opened up his own consultancy practice and is presently undertaking work in various engineering, risk and commercial fields for various clients.

Hylton has been intimately involved in many forms of contract in various jurisdictions, bespoke conditions of contract, various forms of specifications and methods of measurement and client specific specifications.

Career Overview:

06-2014 - Current Consulting Engineer, Director HKM Consulting

02/2016 - 06/2016 SKA Management Review Panel Member

11/2015 - Current ICE Council Member, and MEA Representative.

1/2011 - Current ICE International Representative for South Africa.

06/2012 - 05/2014 Non-Executive Director ECRI

03/2005 - 05/2014 Member of Engineering & Construction Risk Institute (ECRI)

11/2011 – 08/2015 Chairman ICE – SA

12/2009 - 10/2011 Deputy Chairman ICE – SA (formally JCD)

06/2004 - 08/2016 Non-Executive Director, Chair Cement and Concrete Institute

03/2005 - 09/2013 Group Risk Manager /Executive Aveng Limited

10/2000 - 10/2007 SAFCEC Council Member and President (2002-2004)

10-2013 – 05-2014 Group Construction Advisor Aveng Limited

03-2005 - 09-2013 Group Risk Manager/Executive Aveng Limited

12/2000 - 02/2005 Director, Grinaker-LTA Limited; Managing Director Grinaker-LTA Civil and Earthworks (2000 – 2002), Managing Director Grinaker – LTA Engineering (2002 – 2005), Chairman of GLTA Civil Engineering, GLTA Process Engineering (2002-2005), Lennings Rail Services, GLTA Major

Projects, GLTA Concessions, Karrena Africa, GLTA Earthworks and GLTA Plant (2000-2002)

9/1997 - 11/2000 Director – LTA Limited, Managing Director LTA Civil and Earthworks, Chairman Lennings Rail Services, Karrena Africa, Ground Engineering, LTA Civil Engineering, LTA Plant and LTA Concessions.

09/1992 - 09/1997 LTA Civil Engineering General Manager, Managing Director , Chairman

08/1987 - 08/1992 LTA Civil Engineering Contracts Manager, Contracts Director

01/1985 - 06/1987 LTA Civil Engineering Project Manager

02/1984 - 07/1987 LTA Civil Engineering, R & D in backfill in mines for underground support

02/1982 - 09/1984 Karrena Africa , Project Manager

07/1981 - 01/1982 LTA Civil Engineering (North) Ltd, Temporary Works Designer

07/1980 - 06/1981 Compulsory Military Service, Construction Liaison Officer.

01/1980 - 06/1980 LTA Civil Engineering (Tvl) Ltd, Site Engineer, Site Agent 1

980 - 1994 External examiner University of the Witwatersrand

01/1973 – 01/1982 University of Witwatersrand Student Full and Part time

NEC Experience:

Hylton has been involved with a large number of contracts of various forms and types during his career. This has included FIDIC, NEC, JBCC, GCC and other forms of contract in other jurisdictions. He has also been an adjudicator and expert witness on several projects.

Hylton was involved with the NEC form of contract when it was first introduced by Andrew Baird at Eskom. Hylton has provided advice, compiled, and produced documentation, assisted in the development of arbitral and other statements of claim/defence and provided advice in relation to disputes and compensation events on various contracts for various private and public sector clients on several major NEC contract disputes, whilst consulting independently over the past few years. This has included work on various projects, which include power station, renewable energy, mining and oil and gas projects

Built Environment Experience:

Hylton has over 37 years post graduate experience in the Engineering and Construction industry.

Hylton joined LTA full time in January 1980 as a site engineer and has held various senior management positions throughout the Group for the 34 years working for the Group, including that of Director of LTA Limited, Director of Grinaker-LTA Limited, Managing Director Grinaker-LTA Civil and Earthworks and of Grinaker-LTA Engineering, Aveng Group Risk Manager/Executive and the Aveng Group Construction Advisor.

Hylton has had significant experience in working on numerous major local and international projects with both local and major international partners, clients and professional teams. This experience in large scale engineering projects includes procurement, tendering, commercial and technical evaluation, contract risk, and change, commercial and claims management, dispute resolution, and claims resolution techniques and procedures. These projects include;

- 860km Sasol Mozambique – Secunda Gas pipeline (EPC Contract)
- Durban Quay Wall and Associated works
- Wadi Wishka Dam - Libya
- Nelson Mandela Bridge (EPC)
- Segala Gold Plant - Ghana
- Sasol Butanol Plant
- N3 Toll Concession – Design, Construct and Operate
- Katumani to Wote Road – Kenya
- Kruger Mpumalanga International Airport
- Mozal Aluminium Smelter
- Polokwane Smelter
- PMC Headgears and underground work
- Sadiola Gold Plant and appurtenant works - Mali
- Maguga Dam - Swaziland
- North South Carrier Water Project – Botswana (D&C Contract)
- Bushy Park to Sandy Bay Road - Jamaica

- N3 Concession/construction (BOT)
- Saldanha Steel Project – Design and Construct
- Lesotho Highlands Project Tunnels and Appurtenant works
- Hulletts Aluminum Project
- Columbus Stainless Steel Project
- Sappi Saicor Project • Namakwa Sands Project
- Landau Coal Mine and Process Plant Replacement Project
- Olifantsvlei Sewage Works
- Katse, Bohlaha, Malibamatso and Peleneng River bridges - Lesotho
- F.W. De Klerk Free Cantilever Bridge, road and other structures, Design and Construct
- Tutuka No. 1 Chimney – Design and construct project
- Duvha Power Station - Main Station

On his retirement from the Aveng Group in May 2014 he opened up his own consultancy practice and is presently undertaking work for various clients in the UK, Africa, Mauritius and Australasia. Hylton has provided technical and commercial advice and support, drafted statements of claim, acted as an expert witness and an adjudicator for clients on several projects, and prepared and presented bespoke training courses in risk and change management.

Other Professional Activities and Publications

Professional Associations

Fellow of the South African Institute of Civil Engineers (FSAICE)

Member of the Concrete Society of South Africa (MCSSA)

Fellow of the Institution of Civil Engineers (UK) (FICE)

Member of the Society of Professional Engineers (MSPE)

Fellow of the Institute of Arbitrators (FAArb)

Fellow of the South African Academy of Engineers (FSAAE)

Professional Engineer - Pr. Eng.

Chartered Engineer - C. Eng.

UIDIP Professional Engineer - Ing. P. Eur.

Committee and Advisory Panel Activities

External Examiner University of the Witwatersrand 1980 to 1994.

Member of Industry/FRD Research Programme Committee into Durable and Economic Concrete from 1997 to 1999

Vice President and President of the South African Federation of Civil Engineering Contractors from 2000 to 2004

Council Member of SAFCEC from 2000 to 2007

SAFCEC lead negotiator on the BBBEE Construction Charter developed from 2003 to 2007.

Non-Executive Board member of C&CI from 2004 to 2016.

Non-Executive Chairman of C&CI from 2006 to 2011.

Committee member of the ECRI from 2005 to 2014.

NEPAD Business Foundation, Chair of Infrastructure Committee, 2007 to 2009.

Presenter/Lecturer on CMP Course at SUN from 2009-2013

Member of CIDB Advisory Committee from 2009 to 2010.

Director of ECRI from 2015 to 2007.

Director of ECRI from 2012 to 2014.

Member of the World Economic Forum WEF PACI working group from 2007 to 2014.

Committee Member of ICE-SA from 2009 to current.

Chairman of ICE-SA from 2011 to 2015.

ICE South Africa Country Representative for ICE from November 2011 to current.

ICE MEA Representative from 2015 to current. ICE Council Member from 2015 to current.

Member of the CMP Advisory Panel from 2013 to Current.

External Examiner of MSc Thesis at the University of the Witwatersrand and University of Stellenbosch